

SELECTED WORK / 2026

Kit Tran

Tran Huynh Gia Bao

Career portfolio

I manage and build digital products with an applied-finance perspective.

Technical Management

Product planning, delivery, and technical coordination

Product Engineering

Web platforms, workflows, and connected services

Financial Modeling

Applied-finance analysis and project-based models

Ho Chi Minh City, Vietnam · baotran130703@gmail.com ·
<https://www.linkedin.com/in/kittran1307/>



Contents

Portfolio sections and case pages

Tạp Chí Phố Wall	3	Market intelligence	4
Options Suite / GEX	5	US Market Heatmap	6
Market Internals	8	Macro Research	9
Options Screener	10	Rate Probability Hub	11
Research and distribution	12	Website and Product Integration	13
Institutional Research Dashboard	24	AI research experience	28
Editorial and audience workflows	29	News and Audio	30
Platform and operations	31	Option Metrics	32
Economic Calendar API	32	Steve AI	32
TCPW Insights	33	SteveSocial	33
Voice Lab	33	Probability Ingestion Library	34
TCPW Control Center	34	Embedding and Product SDK	34
Operations Tooling	35	Shared Data and Runtime Services	35
Editorial Design Language	36	Backup and Recovery Tooling	36
Rocket Car Rentals Vietnam	37	Golden Sunrise	43
Mộc Village Homestay	45	Mộc Café	47
Additional systems	49		

Tạp Chí Phố Wall

An ecosystem of market dashboards, AI research services, and editorial tools connected through shared data and operations.

TCPW needed research tools, AI-assisted inquiry, and editorial production to work together across public embeds and internal services.

Contribution

- Develop market workspaces for options flow, breadth, macro reports, volatility, screening, and central-bank probabilities, alongside a dedicated institutional-holdings dashboard.
- Connect Steve AI retrieval to the TCPW Insights interface, and support audio and social publishing through Voice Lab and SteveSocial.
- Build shared data, embedding, editorial, monitoring, and recovery foundations so individual products can operate within one ecosystem.

How the ecosystem is organized

Market intelligence

Options, equities, market breadth, macroeconomics, volatility and interest rates.

7 work areas

Research and distribution

Research workspaces, publication integration and partner data services.

3 work areas

AI research experience

An evidence-linked answer service and a distinct reader-facing experience.

2 work areas

Editorial and audience workflows

Audio publishing and guarded community-response workflows.

3 work areas

Platform and operations

Shared interfaces, data services, release tooling and recoverability.

7 work areas

Market intelligence

Options, equities, market breadth, macroeconomics, volatility and interest rates.

Product

Options Suite / GEX

An options research workspace combining flow, gamma exposure, price levels and an optional order-flow tape, with controls for the instrument, session and analytical lens.

The data pipeline and tape service feed the same analytical workspace; Steve AI has a dedicated GEX source adapter.

Option Metrics

A volatility workstation with three analytical chart spaces and controls for comparing expiry, history, series and market events.

The options pipeline supplies the derivation service; a dedicated Steve AI adapter reads selected volatility context.

US Market Heatmap

An equity research application that moves from market structure to attribution, co-movement, themes and portfolio analysis through five connected workspaces.

A distinct factor producer builds theme generations; the live-colour service and historical artifacts support the application.

Options Screener

A strategy-oriented options screener connecting reusable filter definitions, saved research setups and a server-side results workflow.

The query service bridges the product interface and its acquisition tiers; filter-control proof is shown without individual quote/result rows.

Market Internals

A multi-panel dashboard for reading market participation and intraday conditions alongside sector and index-leader tables.

A dedicated relay supplies the dashboard and a source adapter makes selected breadth context available to Steve AI.

Rate Probability Hub

A rates workspace combining central-bank policy views, sovereign-bond comparisons and a US Treasury curve explorer.

The research host embeds the rates application; scheduled mirror/curve workflows and Steve AI's rates adapter support reuse.

Macro Research

A macroeconomic report browser and personal chart workstation connecting curated indicator families to dated, attributable data artifacts.

The same snapshot producer supplies the research dashboard; shared report definitions and Steve AI's macro adapter connect the wider ecosystem.

PRODUCT

Options Suite / GEX

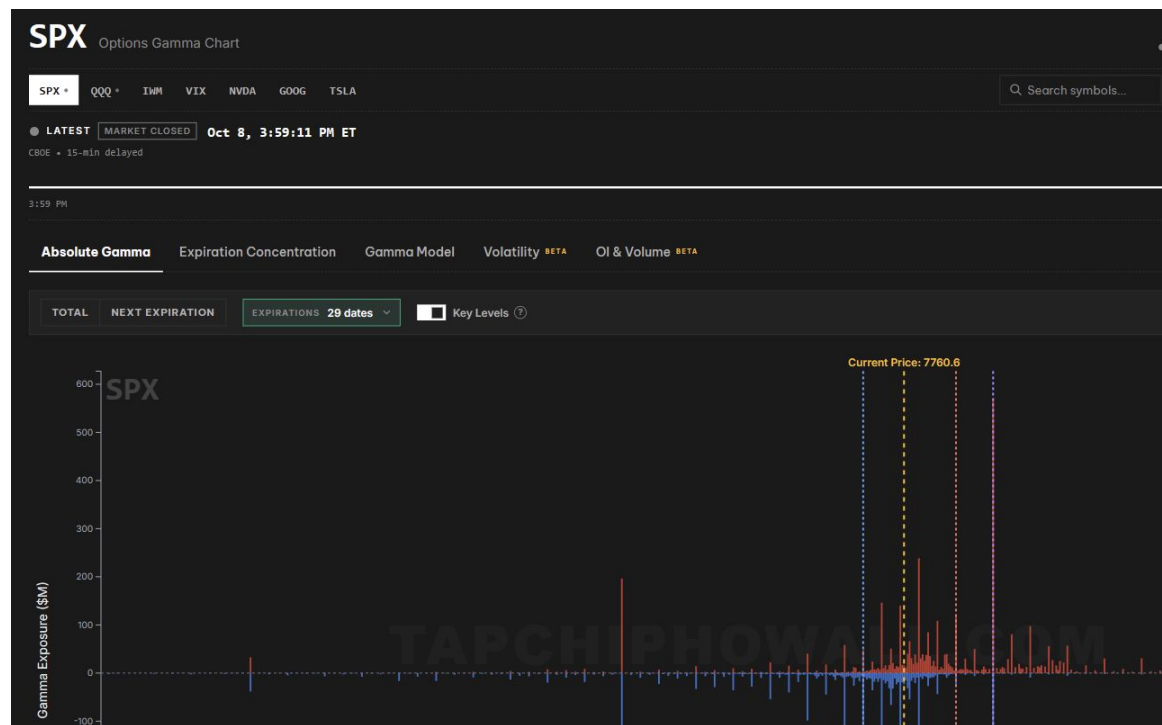
An options research workspace combining flow, gamma exposure, price levels and an optional order-flow tape, with controls for the instrument, session and analytical lens.

Capabilities

- Flow and SPX Gamma Map, with Key Levels and session statistics.
- All-expiration and funds lenses, GEX/net-open-interest metrics, actor filters and ODTE controls.
- Date/time exploration, ticker search, stock-flow routes and sector-gamma aggregates.
- Resizable order-flow panels backed by a separate tape relay.

Works with

The data pipeline and tape service feed the same analytical workspace; Steve AI has a dedicated GEX source adapter.



Public aggregate GEX interface captured 2026-10-09; displayed CBOE data is delayed 15 minutes and reflects the 2026-10-08 session.

[Open source page](#) · [View full-size capture](#)

US Market Heatmap

An equity research application that moves from market structure to attribution, co-movement, themes and portfolio analysis through five connected workspaces.

Capabilities

- Treemap with sector/industry drilldowns and historical session views.
- Drivers: sector contribution, size tiers and focused attribution views.
- Correlation and dispersion matrices, quadrants and regime/history indicators.
- Theme Momentum: price, earnings/fundamental and news factors with confidence and freshness context.
- Efficient Frontier: universe filters, methodology and interactive portfolio weights.

Works with

A distinct factor producer builds theme generations; the live-colour service and historical artifacts support the application.



Public embedded Heatmap captured 2026-10-09 at 08:16 GMT+7; values are time-specific.

[Open source page](#) · [View full-size capture](#)

US Market Heatmap

Public Theme Momentum interface, captured 2026-10-09.



Public Theme Momentum view captured 2026-10-09; display states last updated 2026-10-08 21:04 UTC.

[Open source page](#) · [View full-size capture](#)

Market Internals

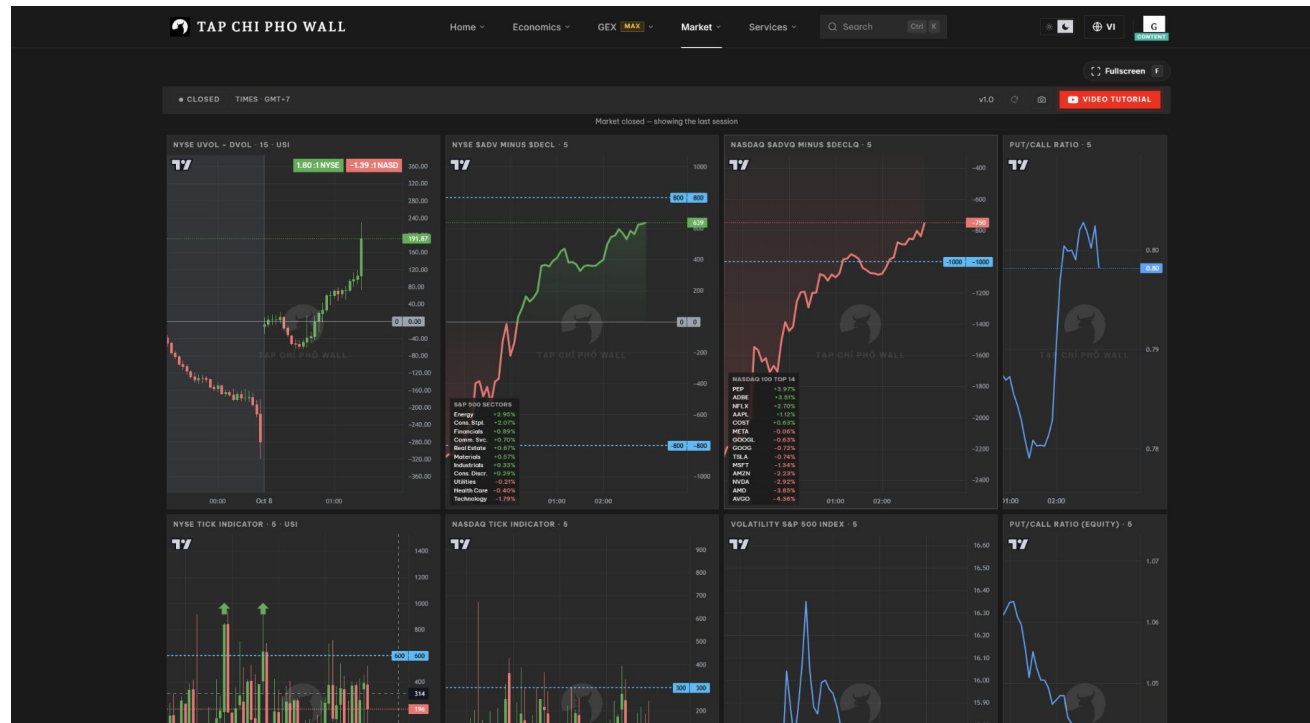
A multi-panel dashboard for reading market participation and intraday conditions alongside sector and index-leader tables.

Capabilities

- Breadth Ratio and NYSE/Nasdaq advance-decline panels.
- TICK, VIX and put/call panels; source-defined proxies are distinguished from direct measures.
- Sector and Nasdaq-100 leader overlays, with session/feed context.
- Shared WebSocket relay and lightweight chart rendering.

Works with

A dedicated relay supplies the dashboard and a source adapter makes selected breadth context available to Steve AI.



Public embedded Market Internals interface captured 2026-10-09; market was closed and the display reflected the last session.

[Open source page](#) · [View full-size capture](#)

Macro Research

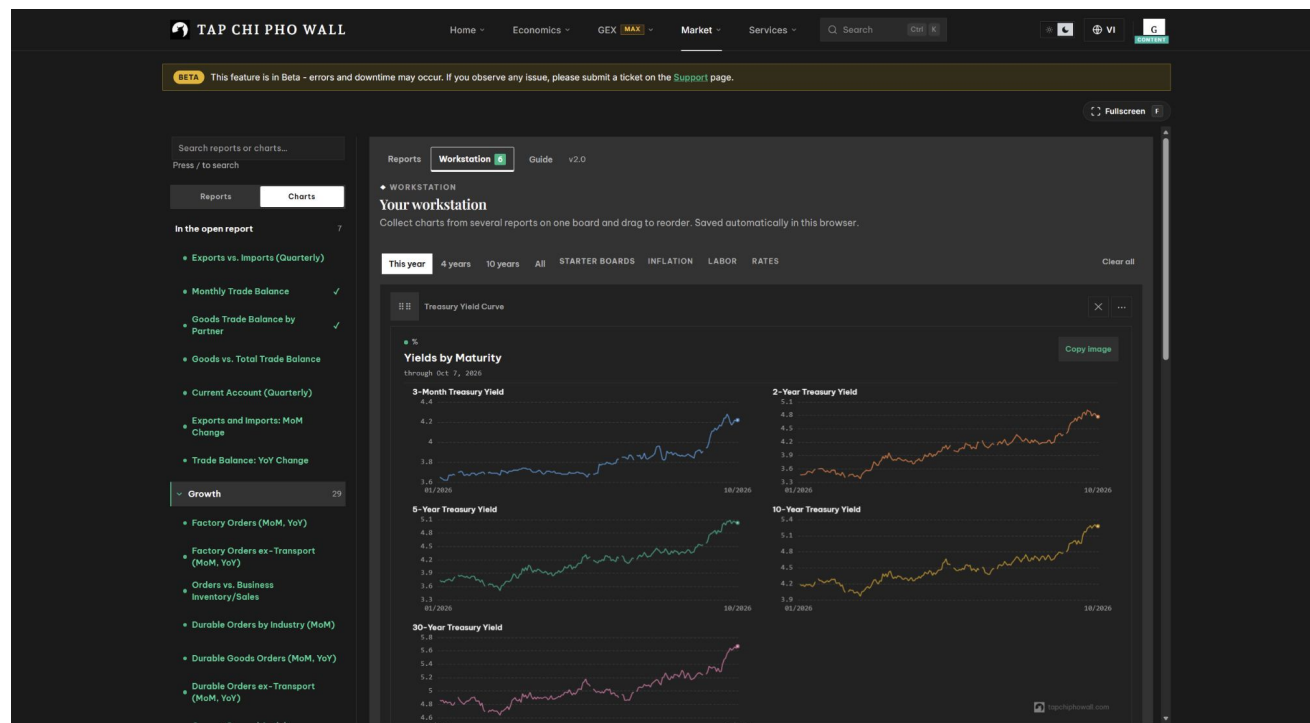
A macroeconomic report browser and personal chart workstation connecting curated indicator families to dated, attributable data artifacts.

Capabilities

- Reports across employment, inflation, growth, housing, sentiment, energy and monetary/fiscal conditions.
- Chart focus, date ranges, freshness/trust context and chart-image copying.
- Add charts to a personal Workstation with presets, reordering, resizing and local persistence.
- Snapshot, report and vintage endpoints backed by ingestion, DuckDB processing and published artifacts.

Works with

The same snapshot producer supplies the research dashboard; shared report definitions and Steve AI's macro adapter connect the wider ecosystem.



Public embedded Macro workstation captured 2026-10-09; visible chart series ran through 2026-10-07.

[Open source page](#) · [View full-size capture](#)

Options Screener

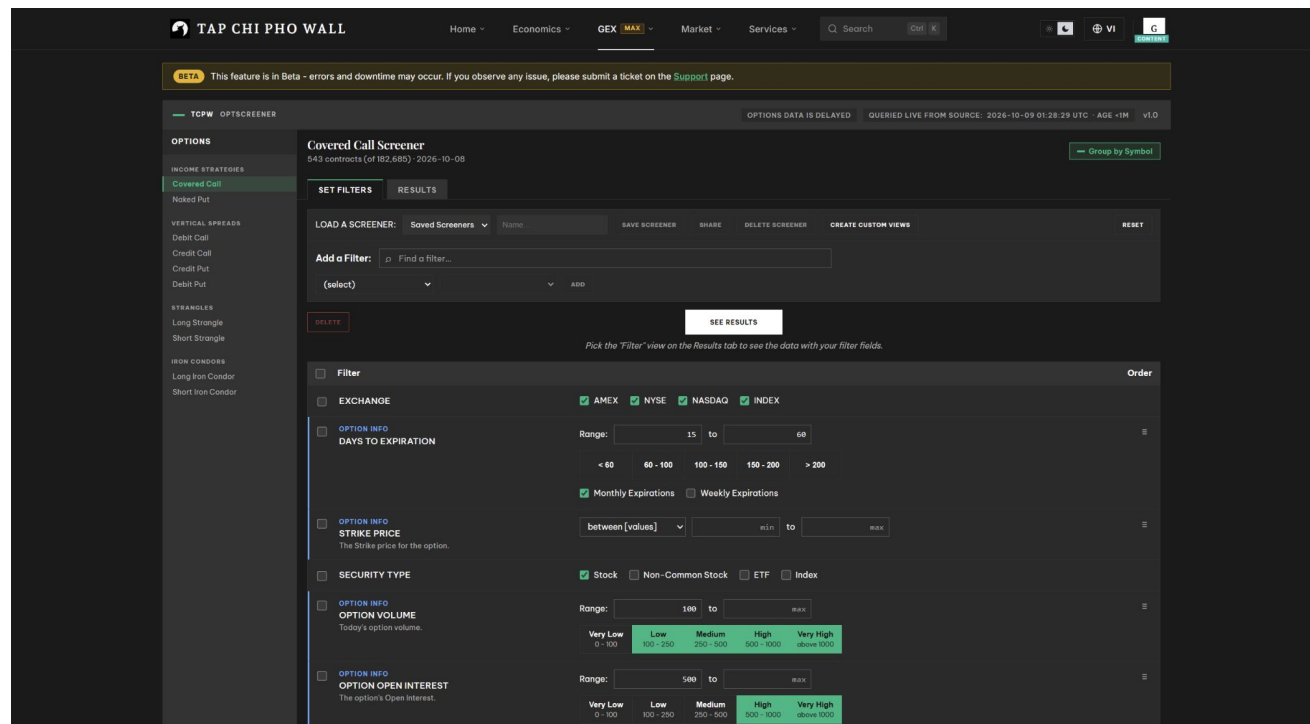
A strategy-oriented options screener connecting reusable filter definitions, saved research setups and a server-side results workflow.

Capabilities

- Income, vertical, straddle/strangle and condor strategy navigation; Set Filters and Results modes.
- Save/load/share screeners, custom columns and sortable, paginated result grids.
- Row detail and CSV export, with shared client/server filter semantics.
- Separate live-query and labelled snapshot fallback paths.

Works with

The query service bridges the product interface and its acquisition tiers; filter-control proof is shown without individual quote/result rows.



Public filter controls only; quote and result rows are not shown.

[Open source page](#) · [View full-size capture](#)

Rate Probability Hub

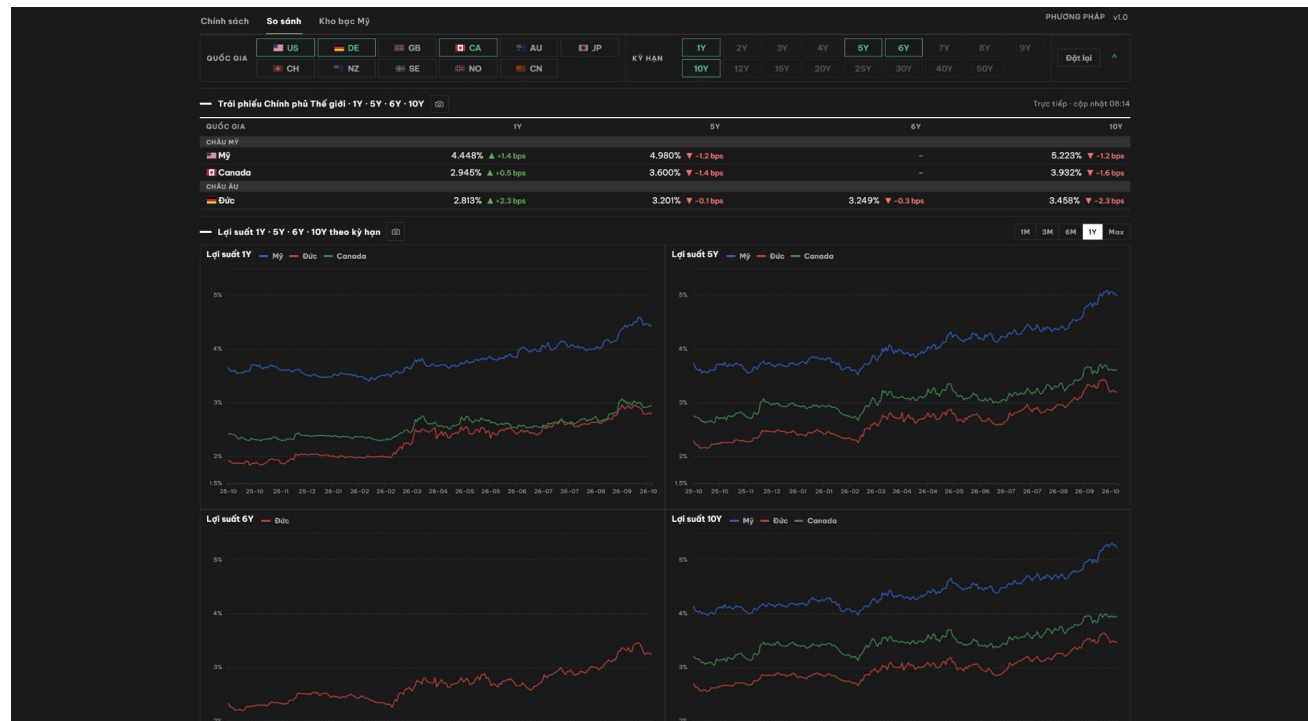
A rates workspace combining central-bank policy views, sovereign-bond comparisons and a US Treasury curve explorer.

Capabilities

- Policy overview and bank-specific navigation for ten supported central-bank contexts.
- Meeting distributions, observed history and explicit missing/stale coverage states.
- Government-bond filters, tenor comparisons and history views.
- Treasury curve/yield tables, timeline exploration and methodology context.

Works with

The research host embeds the rates application; scheduled mirror/curve workflows and Steve AI's rates adapter support reuse.



Public bond-yield comparison and historical charts captured 2026-10-09; displayed market data can change. The captured public UI is Vietnamese-only.

[Open source page](#) · [View full-size capture](#)

Research and distribution

Research workspaces, publication integration and partner data services.

Product

Institutional Research Dashboard

A distinct Next.js research host for exploring institutional stock positions and attributed macro conditions, with an embedded rates workspace.

This host consumes existing macro and rates services; it is distinct from the outer publisher website and does not create another rates feed.

Service

Economic Calendar API

An economic-calendar service with an authenticated partner API, rather than a separate customer-facing calendar application.

The service supports calendar integrations and Steve AI's calendar source adapter without exposing partner credentials in the interface.

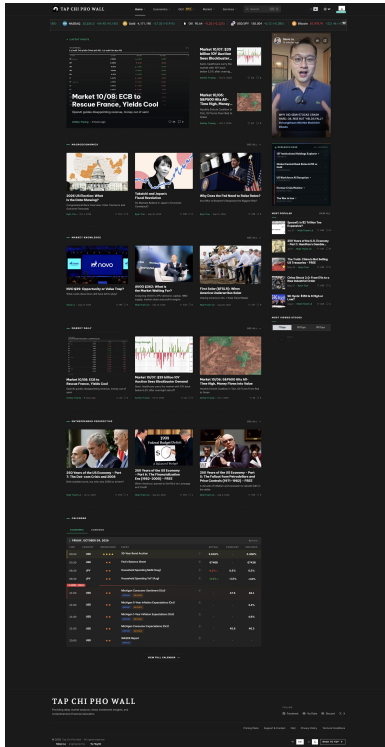
Website and Product Integration

The publication is the discovery and distribution context for the ecosystem's embedded tools, research indexes and audio surfaces.

Publisher screenshots show integration context. The outer website's own engineering credit remains visible; it is separate from the repository's research host.

Website and Product Integration

Complete TCPW English website homepage.



Full-page image index

Complete page overview. Read the full interface across the following 4 sections, or open the full-size image.

SERVICE

Website and Product Integration

The publication is the discovery and distribution context for the ecosystem's embedded tools, research indexes and audio surfaces.

What it enables

- Connect the publication experience with market-research application embeds.
- Coordinate theme, language, authentication context and embedded height across product surfaces.
- Provide entry points to research, market updates, economic context and public audio.

Connects with

Publisher screenshots show integration context. The outer website's own engineering credit remains visible; it is separate from the repository's research host.

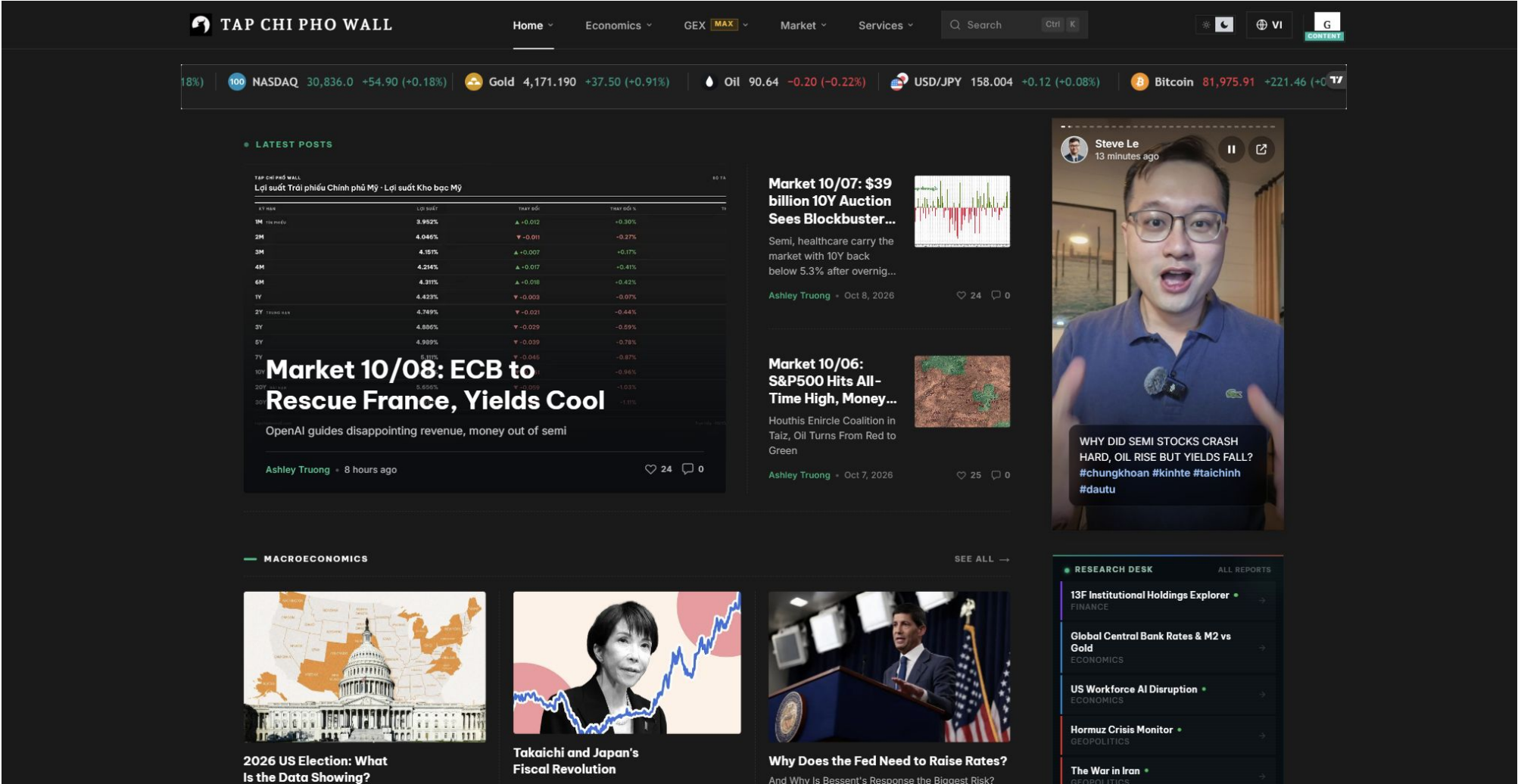
[Open source page](#) · [View full-size capture](#)

Complete English TCPW homepage, captured 9 Oct 2026, from navigation through footer. Publication and product-integration context.

Website and Product Integration

Complete TCPW English website homepage.

Homepage - section 1 of 4 (continued)
Open source page · View full-size capture



[Open source page](#) · [View full-size capture](#)

15

Website and Product Integration

Complete TCPW English website homepage.

Homepage - section 3 of 4 (continued)

[Open source page](#) · [View full-size capture](#)

Market 10/08: ECB to Rescue France, Yields Cool

OpenAI guides disappointing revenue, money out of semi

Ashley Truong · 8 hours ago

240

Market 10/07: \$39 billion 10Y Auction Sees Blockbuster Demand

Semi, healthcare carry the market with 10Y back below 5.3% after overnight sell-off

Ashley Truong · Oct 8, 2026

240

Market 10/06: S&P500 Hits All-Time High, Money Flows Into Value

Houthis Enircle Coalition in Taiz, Oil Turns From Red to Green

Ashley Truong · Oct 7, 2026

250

ENTREPRENEUR PERSPECTIVE

SEE ALL →

250 Years of the US Economy - Part 7: The Dot-com Crisis and 2008

Both bubbles burst, but why was 2008 so severe?

Nhật Thanh Lê · Oct 4, 2026

1184

250 Years of the US Economy - Part 6: The Financialization Era (1982-2000) - FREE

When America Learned to Get Rich on Leverage and Credit

Nhật Thanh Lê · Sep 20, 2026

1221

250 Years of the US Economy - Part 5: The Fallout from Petrodollars and Price Controls (1971-1982) - FREE

A decade of inflation and recession to rebuild faith in the dollar

Nhật Thanh Lê · Sep 6, 2026

1350

CALENDAR

ECONOMIC

EARNINGS

FRIDAY, OCTOBER 09, 2026

9 events

TIME	COUNTRY	IMPORTANCE	EVENT	ACTUAL	FORECAST	PREVIOUS
00:00	USD	★★★★	30-Year Bond Auction	? 5.618%	-	5.308%
03:30	USD	★★	Fed's Balance Sheet	? 6748B	-	6743B

Kit Tran | Career portfolio

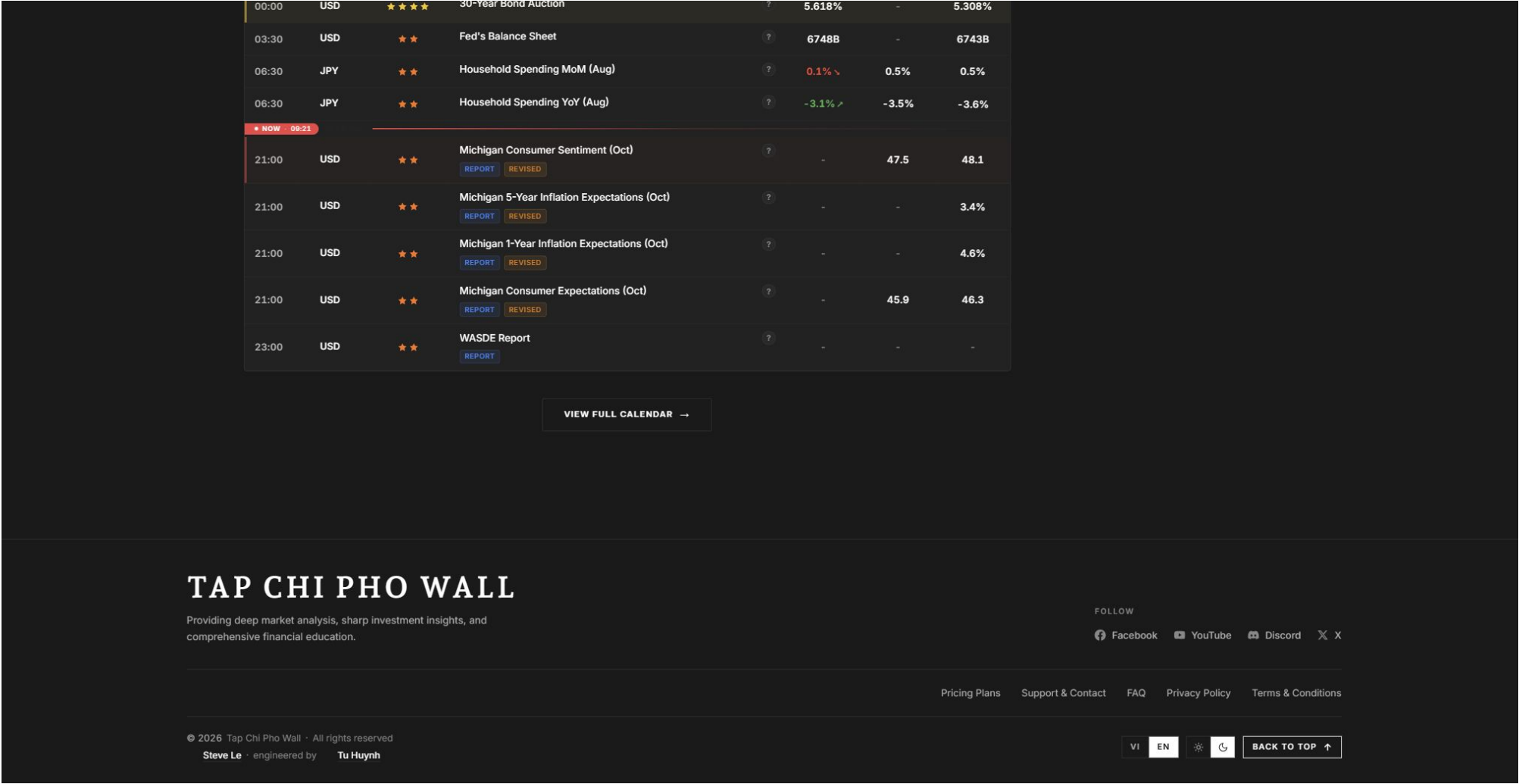
16

Website and Product Integration

Complete TCPW English website homepage.

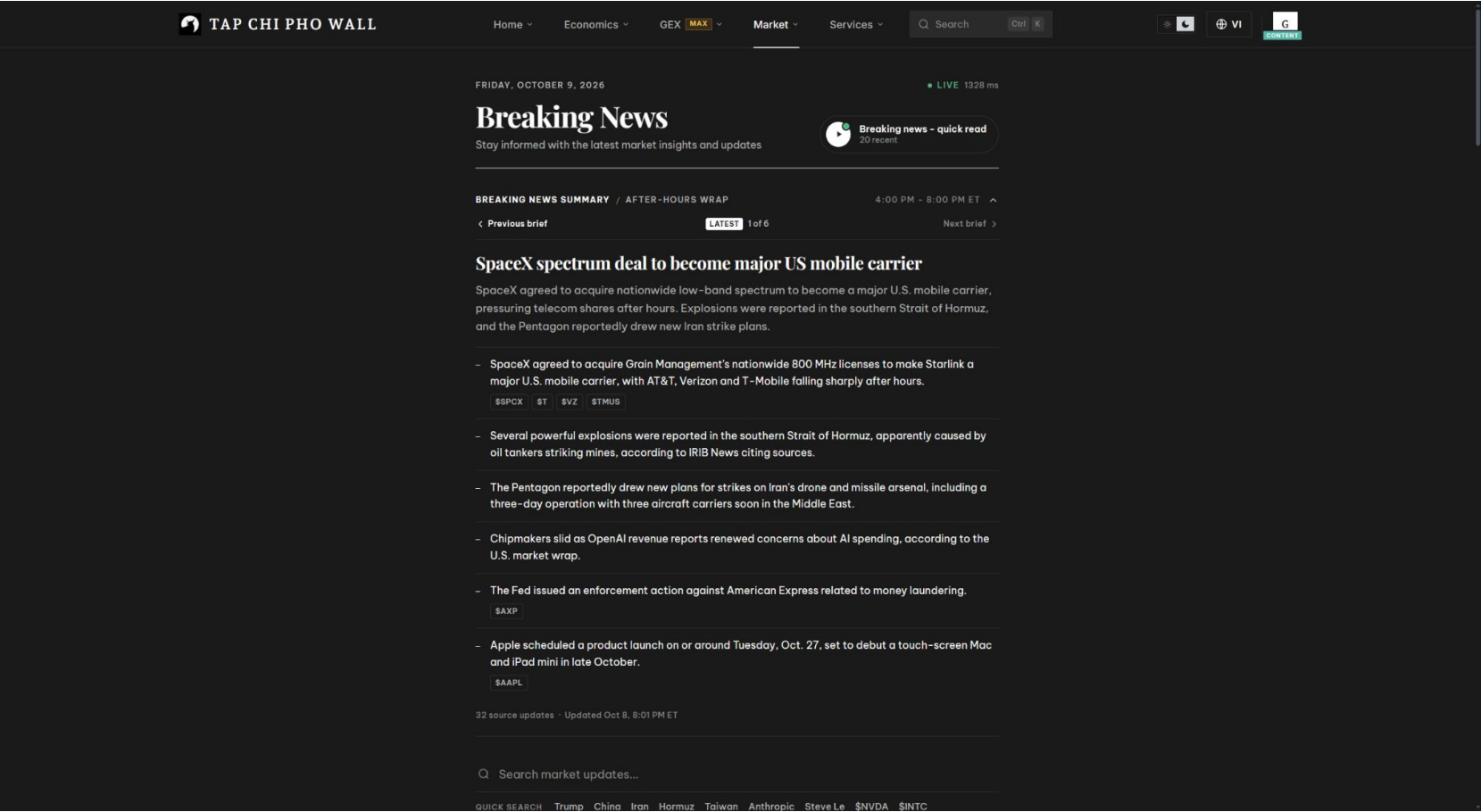
Homepage - section 4 of 4 (continued)

[Open source page](#) · [View full-size capture](#)



Website and Product Integration

TCPW English public market-updates page.

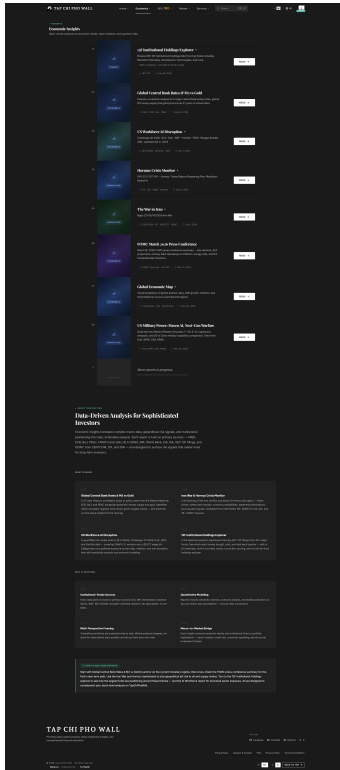


English public market-updates page. Editorial content is shown as publication context.

[Open source page](#) · [View full-size capture](#)

Website and Product Integration

Complete TCPW English economic research index.



Full-page image index

Complete page overview. Read the full interface across the following 4 sections, or open the full-size image.

SERVICE

Website and Product Integration

The publication is the discovery and distribution context for the ecosystem's embedded tools, research indexes and audio surfaces.

What it enables

- Connect the publication experience with market-research application embeds.
- Coordinate theme, language, authentication context and embedded height across product surfaces.
- Provide entry points to research, market updates, economic context and public audio.

Connects with

Publisher screenshots show integration context. The outer website's own engineering credit remains visible; it is separate from the repository's research host.

[Open source page](#) · [View full-size capture](#)

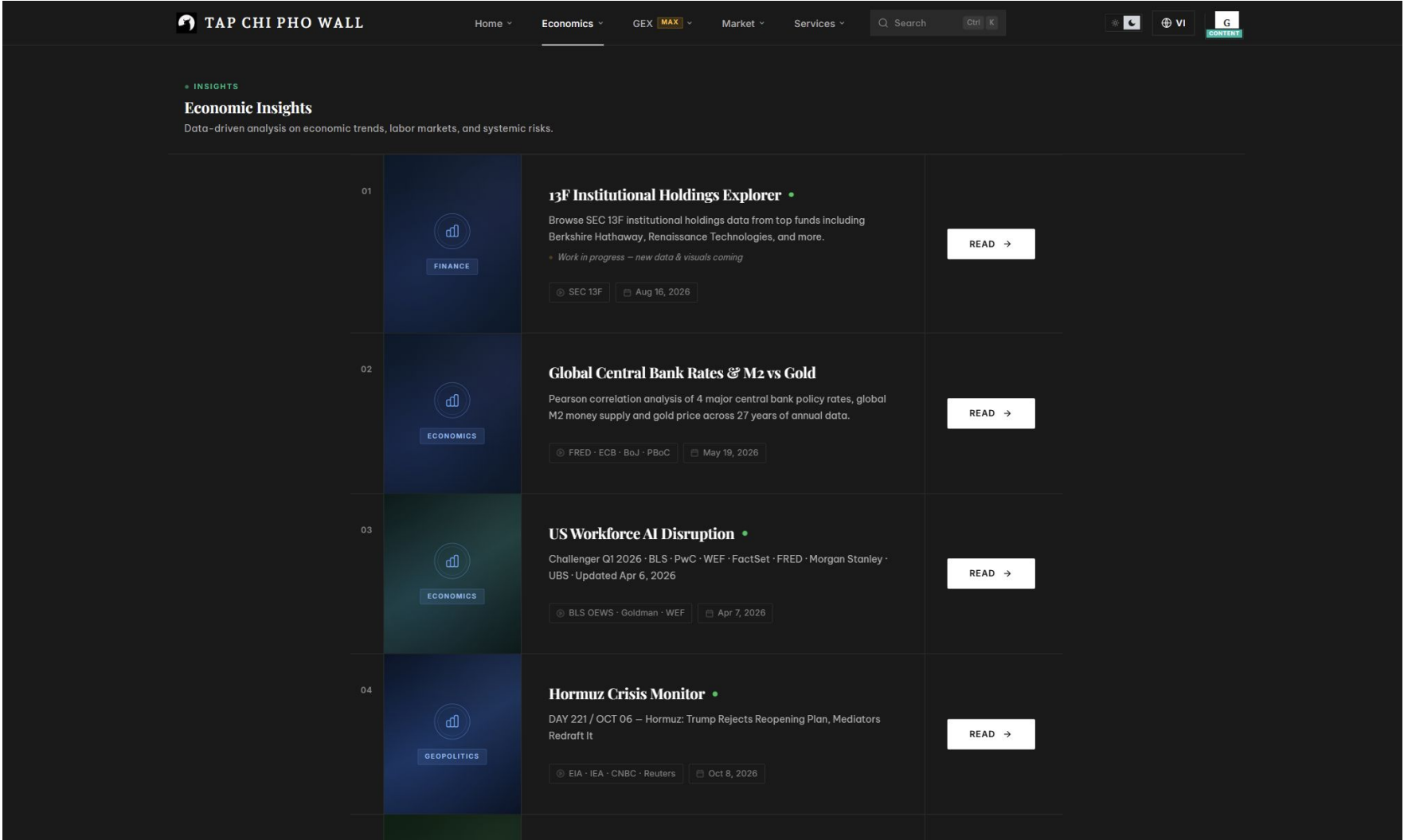
Complete English Economic Insights index, including report cards, research context and footer, captured 9 Oct 2026.

Website and Product Integration

Complete TCPW English economic research index.

Economic Insights index - section 1 of 4 (continued)

[Open source page](#) · [View full-size capture](#)



Website and Product Integration

Complete TCPW English economic research index.

Economic Insights index - section 2 of 4 (continued)

[Open source page](#) · [View full-size capture](#)

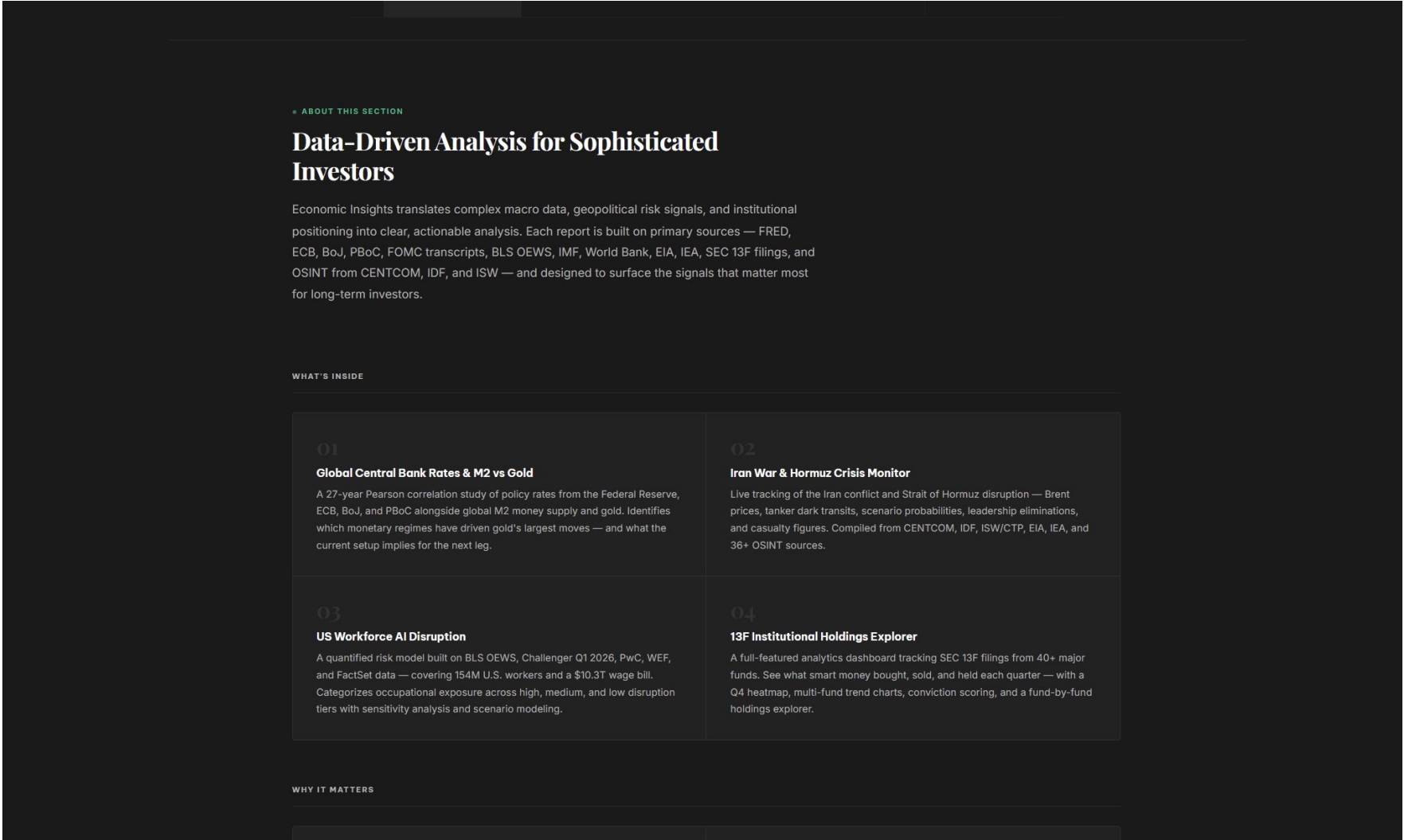
05	 GEOPOLITICS	The War in Iran • Ngày 22/06/10/2026 Iran War CENTCOM · IDF · ISW/CTP · OSINT Oct 8, 2026	READ →
06	 ECONOMICS	FOMC March 2026 Press Conference March 18, 2026 FOMC press conference summary – rate decision, SEP projections, and key Q&A takeaways on inflation, energy risks, and the Fed leadership transition. FOMC Transcript · Fed SEP Mar 25, 2026	READ →
07	 ECONOMICS	Global Economic Map • Visual breakdown of global interest rates, GDP growth, inflation, and fiscal balances across countries and regions. TradingView · IMF · World Bank Mar 28, 2026	READ →
08	 GEOPOLITICS	US Military Power: Maven AI, Next-Gen Warfare Deep dive into Maven/Palantir AI system, F-35, B-21, hypersonic weapons, and US vs China military capability comparison. Data from DoD, SIPRI, CSIS, RAND. DoD, SIPRI, CSIS, RAND Mar 28, 2026	READ →
09	... FORTHCOMING	More reports in progress. New analyses are being researched and written.	

Website and Product Integration

Complete TCPW English economic research index.

Economic Insights index - section 3 of 4 (continued)

[Open source page](#) · [View full-size capture](#)

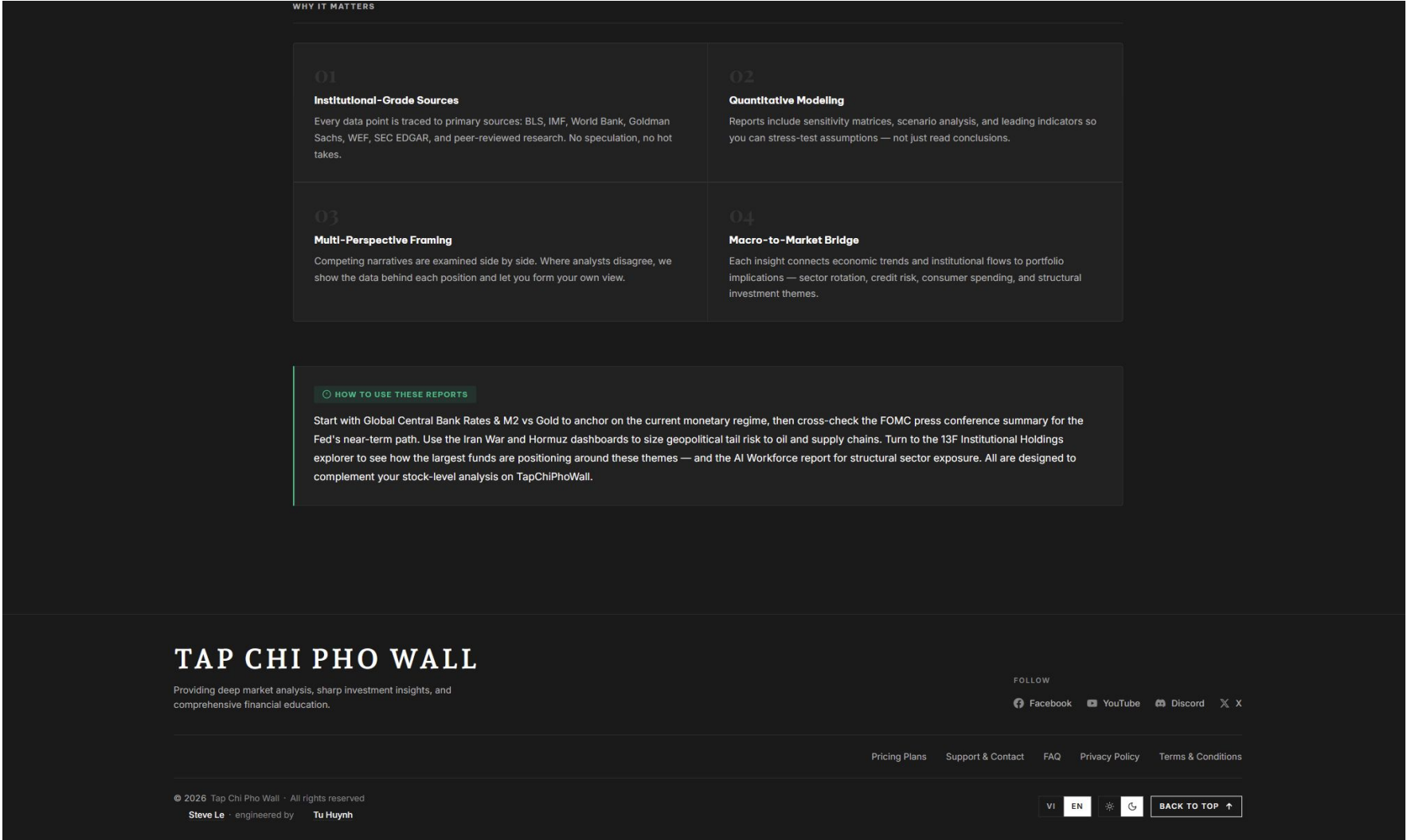


Website and Product Integration

Complete TCPW English economic research index.

Economic Insights index - section 4 of 4 (continued)

[Open source page](#) · [View full-size capture](#)



Institutional Research Dashboard

A distinct Next.js research host for exploring institutional stock positions and attributed macro conditions, with an embedded rates workspace.

Capabilities

- Ticker-led 13F holdings explorer, quarterly fund positions and changes across three reported quarters.
- Fund/position summary and detailed institutional holdings table.
- Macro Snapshot with as-of dates, source attribution and linked source JSON.
- Separate probability workspace embedding the Rate Probability application.

Works with

This host consumes existing macro and rates services; it is distinct from the outer publisher website and does not create another rates feed.

Research interface documented from its application source; quoted positions are historical reported holdings.

SteveLe

BẢNG DỮ LIỆU

CTỐI

TCPW

External

MACRO SNAPSHOT → /api/13f_position?stock=NVDA Copy

NVDA — NVIDIA Corp

NVIDIA Corp — as of 2026Q2
24 funds holding · 0 new · 2 exited · avg +7.5% QoQ
dữ liệu đến quý 2026Q2 · tạo ngày 2026-08-16 · 39/41 quý đã nộp báo cáo

Fund	AUM	Shares (2026Q2)	QoQ %	Flag
Renaissance Technologies Llc	\$73B	7.1M	+180.6%	INCREASED
Third Point Llc	\$5B	—	-100.0%	EXITED
Dragoneer Investment Group, Llc	\$3B	—	-100.0%	EXITED
Two Sigma Investments, Lp	\$133B	6.3M	-44.1%	DECREASED
Citadel Advisors Llc	\$174B	11.8M	-36.7%	DECREASED
D. E. Shaw & Co., Inc.	\$162B	20.0M	+36.3%	INCREASED
Citigroup Inc	\$215B	61.3M	+23.0%	INCREASED
Aqr Capital Management Llc	\$287B	37.8M	+17.8%	INCREASED
Bridgewater Associates, Lp	\$24B	3.9M	-17.6%	DECREASED
Millennium Management Llc	\$148B	12.2M	+14.8%	INCREASED
Tiger Global Management Llc	\$24B	11.2M	-6.8%	DECREASED

13F holdings dashboard overview, captured 9 Oct 2026. The NVDA view displays 2026Q2 filings and a 16 Aug generation date. Interface labels mix English and Vietnamese.

[Open source page](#) · [View full-size capture](#)

Institutional Research Dashboard

Institutional holdings table continuation through its final rows.

Research interface documented from its application source; quoted positions are historical reported holdings.

■ SteveLe	BẢNG DỮ LIỆU				☐ TỐI
Bridgewater Associates, Lp	\$24B	3.9M	-17.6%	DECREASED	
Millennium Management Llc	\$148B	12.2M	+14.8%	INCREASED	
Tiger Global Management Llc	\$24B	11.2M	-6.8%	DECREASED	
Goldman Sachs Group Inc	\$953B	192.1M	+6.2%	INCREASED	
Coatue Management Llc	\$49B	6.1M	-4.4%	DECREASED	
Morgan Stanley	\$1.9T	356.4M	+3.9%	INCREASED	
Appaloosa Lp	\$7B	1.5M	+3.6%	INCREASED	
Fmr Llc	\$2.3T	1.0B	+3.2%	INCREASED	
Gotham Asset Management, Llc	\$43B	4.0M	-2.8%	DECREASED	
Bank Of America Corp /De/	\$1.6T	195.4M	+2.2%	INCREASED	
State Street Corp	\$3.4T	1.0B	+1.6%	INCREASED	
Altimeter Capital Management, Lp	\$10B	9.4M	+0.8%	INCREASED	
Geode Capital Management, Llc	\$1.9T	606.2M	+0.8%	INCREASED	
Soros Fund Management Llc	\$8B	1.1M	-0.8%	DECREASED	
Northern Trust Corp	\$860B	251.0M	-0.7%	DECREASED	
Jpmorgan Chase & Co	\$1.7T	449.4M	+0.4%	INCREASED	
Charles Schwab Investment Management Inc	\$751B	160.2M	-0.4%	DECREASED	
Price T Rowe Associates Inc /Md/	\$999B	369.8M	-0.1%	DECREASED	

13F holdings table continuation, captured from the same public NVDA view. Together with the overview, the two overlapping screens cover the complete scrollable table.

[Open source page](#) · [View full-size capture](#)

Institutional Research Dashboard

English Macro Snapshot overview with source attribution and dates.

Research interface documented from its application source; quoted positions are historical reported holdings.

SteveLe

BẢNG DỮ LIỆU

☰

☒

EXTERNAL

Macro Snapshot

FRED · JSON ↗

INDICATOR	VALUE	AS OF
Core CPI Inflation (YoY)	2.45%	2026-08-01
Core PCE Inflation (YoY)	3.01%	2026-08-01
CPI Inflation (YoY)	3.40%	2026-08-01
DXY (TCPW ICE-formula index, FRED H.10)	101.91	2026-10-02
Fed Funds Target (Upper)	4.00%	2026-10-08
Real GDP Growth (Annualized)	2.20%	2026-04-01
Initial Jobless Claims (SA)	197,000	2026-10-03
30-Year Mortgage Rate	7.49%	2026-10-07
Nonfarm Payrolls (Net Change)	+29k	2026-09-01
10Y-2Y Treasury Spread	0.51 pp	2026-10-07
US 10Y Treasury Yield	5.28%	2026-10-07

English Macro Snapshot overview, captured 9 Oct 2026. The interface attributes the series to FRED and displays an as-of date per indicator; values are time-specific.

[Open source page](#) · [View full-size capture](#)

Institutional Research Dashboard

Macro Snapshot final indicators and source attribution.

Research interface documented from its application source; quoted positions are historical reported holdings.

■ SteveLe

BẢNG DỮ LIỆU

⌵ TỐI

Core CPI Inflation (YoY)	2.45%	2026-08-01
Core PCE Inflation (YoY)	3.01%	2026-08-01
CPI Inflation (YoY)	3.40%	2026-08-01
DXY (TCPW ICE-formula index, FRED H.10)	101.91	2026-10-02
Fed Funds Target (Upper)	4.00%	2026-10-08
Real GDP Growth (Annualized)	2.20%	2026-04-01
Initial Jobless Claims (SA)	197,000	2026-10-03
30-Year Mortgage Rate	7.49%	2026-10-07
Nonfarm Payrolls (Net Change)	+29k	2026-09-01
10Y-2Y Treasury Spread	0.51 pp	2026-10-07
US 10Y Treasury Yield	5.28%	2026-10-07
US 2Y Treasury Yield	4.77%	2026-10-07
Unemployment Rate	4.20%	2026-09-01

This product uses the FRED® API but is not endorsed or certified by the Federal Reserve Bank of St. Louis.

English Macro Snapshot continuation through the final indicators and FRED attribution. Captured from the same interface on 9 Oct 2026; together with the overview, both screens cover the scrollable content.

[Open source page](#) · [View full-size capture](#)

AI research experience

An evidence-linked answer service and a distinct reader-facing experience.

Product

TCPW Insights

The bilingual embedded reader experience for Steve AI makes answers, source evidence and conversation continuity accessible within the publication.

A Pages proxy connects the publication embed to Steve AI while keeping the operator dashboard and its private research records separate.

Service

Steve AI

The answer service behind TCPW Insights connects approved editorial material and selected market-product adapters to grounded, source-linked research responses.

Steve AI is the backend service; TCPW Insights is its separate reader-facing embed. Credits controls are described as implementation scope, not a released paid checkout.

Editorial and audience workflows

Audio publishing and guarded community-response workflows.

Product

News and Audio

A market-briefing product with public morning audio and a separate protected TTS Terminal for preparing and publishing issues.

The production service uses the Voice Lab bridge; public playback and private preparation remain distinct surfaces.

Voice Lab

An article-to-audio production lifecycle combining automated progression with transcript editing, operator holds, version selection and publishing controls.

Voice Lab shares the operator dashboard, has a separate VPS bridge, and delivers published article audio through the stevele-tts service.

SteveSocial

Selective community-response automation connects comment classification, reply composition, deterministic checks and reconciled delivery through an operator workspace.

Worker orchestration, the operator dashboard and the poster form one workflow; linked Voice Lab and Control Center areas have their own responsibilities.

News and Audio

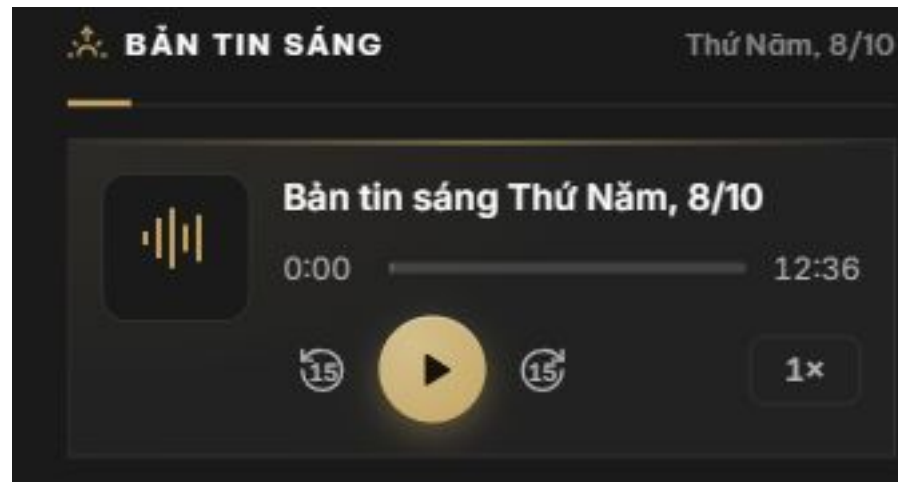
A market-briefing product with public morning audio and a separate protected TTS Terminal for preparing and publishing issues.

Capabilities

- Latest and dated public morning-news audio and issue metadata.
- Staff preparation, text sectioning, synthesis submission and job-status inspection.
- Retry controls and publication of approved output artifacts.

Works with

The production service uses the Voice Lab bridge; public playback and private preparation remain distinct surfaces.



Clipped public morning-briefing player widget; audio was not played. The captured UI is Vietnamese-only.

[Open source page](#) · [View full-size capture](#)

Platform and operations

Shared interfaces, data services, release tooling and recoverability.

Service

TCPW Control Center

An operations module within the internal dashboard connects normalized project health, infrastructure, data freshness, dependencies and controlled usage settings.

Eleven operator tabs share one dashboard module; monitoring collectors and dedicated billing/voice/model routes supply the different panels.

Shared foundation

Probability Ingestion Library

A Python support library for scheduled probability-data mirroring, fidelity checks and storage integration; it is not a separate deployed product. The job lane uses this library to support Rate Probability's acquisition workflow.

Shared Data and Runtime Services

Reusable report definitions, market calendars, storage primitives and fallback services form a common data/runtime layer beneath the research products. The shared runtime keeps artifact readers and fallback tiers aligned across multiple research products.

Embedding and Product SDK

A source-shared platform SDK makes separately deployed applications behave consistently inside the publication and research host. Consumed as source by the research applications and host; shared changes require coordinated consumer releases.

Editorial Design Language

Reusable CSS primitives provide a consistent editorial visual language for research interfaces without introducing a standalone application. A common presentation layer complements the embedding SDK and the product-specific chart workspaces.

Operations Tooling

Repository and scheduled-job tooling coordinates quality gates, releases, source freshness, quota controls and cross-product operational checks. The job lane and monitoring tools support all product families; implemented checks are described without an uptime or deployment-success claim.

Backup and Recovery Tooling

A data-protection toolchain combines incremental object mirroring, database exports, off-box copies and verification of recoverable bytes. Backup jobs complement release and monitoring tooling; the portfolio describes the tools, not a guarantee that every current backup has passed a restore.

Services and shared foundations

Grouped by chapter; capabilities and relationships follow the audited project records.

MARKET INTELLIGENCE PRODUCT

Option Metrics

A volatility workstation with three analytical chart spaces and controls for comparing expiry, history, series and market events.

Capabilities

- Term Structure, Volatility Skew and VIX Term Structure workspaces.
- Expiry selection, historical comparisons and overlay/series controls.
- Axis/zoom tools, key-event ribbon, data-table view and PNG export.
- Derived volatility artifacts and immutable revisions exposed through bundle and snapshot readers.

Works with

The options pipeline supplies the derivation service; a dedicated Steve AI adapter reads selected volatility context.

Authenticated analytical application; this portfolio describes the implemented workspace without reproducing its data.

RESEARCH AND DISTRIBUTION SERVICE

Economic Calendar API

An economic-calendar service with an authenticated partner API, rather than a separate customer-facing calendar application.

Capabilities

- Calendar event, historical event-value and event-description endpoints.
- Partner-key access, rate limits and incremental updated-since synchronization.
- Scheduled refresh, coalesced history/description fetches and D1/cache-backed storage.

Works with

The service supports calendar integrations and Steve AI's calendar source adapter without exposing partner credentials in the interface.

Source-documented scope; a public interface capture is not included.

AI RESEARCH EXPERIENCE SERVICE

Steve AI

The answer service behind TCPW Insights connects approved editorial material and selected market-product adapters to grounded, source-linked research responses.

Capabilities

- Query analysis, retrieval, scoped source selection and grounding/completeness checks.
- Article/video citations, freshness context and validated source-linked figures.
- Eight adapters across options, equities, screening, rates, calendar, breadth, macro and volatility products.
- Follow-up rewriting, multi-turn context and entitlement-aware source access.
- Quota and credits authorization with idempotent receipts and reconciliation controls.

Works with

Steve AI is the backend service; TCPW Insights is its separate reader-facing embed. Credits controls are described as implementation scope, not a released paid checkout.

Source-documented scope; a public interface capture is not included.

Services and shared foundations

Grouped by chapter; capabilities and relationships follow the audited project records.

AI RESEARCH EXPERIENCE PRODUCT

TCPW Insights

The bilingual embedded reader experience for Steve AI makes answers, source evidence and conversation continuity accessible within the publication.

Capabilities

- Language/theme synchronization and adaptive embed height.
- A persistent conversation thread, earlier-turn loading and clear/delete controls.
- Evidence rail/drawer, article/video citations and validated project figures.
- Reader feedback, quota states and a parent-site credits-token protocol.
- Narrow evidence-opening event instrumentation, separate from conversation content.

Works with

A Pages proxy connects the publication embed to Steve AI while keeping the operator dashboard and its private research records separate.

Source-documented scope; a public interface capture is not included.

EDITORIAL AND AUDIENCE WORKFLOWS PRODUCT

SteveSocial

Selective community-response automation connects comment classification, reply composition, deterministic checks and reconciled delivery through an operator workspace.

Capabilities

- Classify comment intent and generate replies only for configured eligible positive classes.
- Emoji/template/composer paths, content validation and scheduled auto-approval controls.
- Response queue, Video Studio, Script Studio, templates and settings.
- A separate browser-based poster verifies writes and reconciles uncertain outcomes before retry.

Works with

Worker orchestration, the operator dashboard and the poster form one workflow; linked Voice Lab and Control Center areas have their own responsibilities.

Internal workflow; private operator records are not reproduced.

EDITORIAL AND AUDIENCE WORKFLOWS PRODUCT

Voice Lab

An article-to-audio production lifecycle combining automated progression with transcript editing, operator holds, version selection and publishing controls.

Capabilities

- Discover/fetch eligible articles and prepare narration transcripts.
- Rundown, Article and Controls views with review/edit and hold states.
- Synthesis jobs, audio versions, voice preview and credit-limit controls.
- Version selection and publishing; configured automation can advance and auto-publish eligible work.

Works with

Voice Lab shares the operator dashboard, has a separate VPS bridge, and delivers published article audio through the stevele-tts service.

Source-documented scope; a public interface capture is not included.

Services and shared foundations

Grouped by chapter; capabilities and relationships follow the audited project records.

PLATFORM AND OPERATIONS SHARED FOUNDATION

Probability Ingestion Library

A Python support library for scheduled probability-data mirroring, fidelity checks and storage integration; it is not a separate deployed product.

Capabilities

- Probability mirror/fetch helpers and resilient storage workflows.
- Fidelity validation and Cloudflare storage integration.
- Reusable support for the scheduled rates data job.

Works with

The job lane uses this library to support Rate Probability's acquisition workflow.

Source-documented scope; a public interface capture is not included.

PLATFORM AND OPERATIONS SERVICE

TCPW Control Center

An operations module within the internal dashboard connects normalized project health, infrastructure, data freshness, dependencies and controlled usage settings.

Capabilities

- Overview and per-project drilldowns for normalized state and collector freshness.
- Cloudflare resources, VPS host, datasets and schedules.
- Dependency relationships, drift context and incident history.
- Billing operations, reconciliation and risk/configuration controls.
- Voice and Steve Pro usage, cost and generation controls.

Works with

Eleven operator tabs share one dashboard module; monitoring collectors and dedicated billing/voice/model routes supply the different panels.

Private operator module; infrastructure identifiers, incidents and account usage are not reproduced.

PLATFORM AND OPERATIONS SHARED FOUNDATION

Embedding and Product SDK

A source-shared platform SDK makes separately deployed applications behave consistently inside the publication and research host.

Capabilities

- Parent/child embed protocol for authentication context, theme, language and adaptive height.
- React host/child wrappers, shared refresh states and chart-image copying.
- Pages access middleware, client API failover and bounded last-known-good payload caching.

Works with

Consumed as source by the research applications and host; shared changes require coordinated consumer releases.

Source-documented scope; a public interface capture is not included.

Services and shared foundations

Grouped by chapter; capabilities and relationships follow the audited project records.

PLATFORM AND OPERATIONS SHARED FOUNDATION Operations Tooling Repository and scheduled-job tooling coordinates quality gates, releases, source freshness, quota controls and cross-product operational checks. Capabilities • Serial tests, type/build checks, guarded deployment and push-watch workflows. • Scheduled data/freshness jobs and normalized Control Center collectors. • Resource/quota/spend monitoring and bounded service-health checks. • Contract and vendored-copy drift checks across shared consumers. Works with The job lane and monitoring tools support all product families; implemented checks are described without an uptime or deployment-success claim. Source-documented scope; a public interface capture is not included.	PLATFORM AND OPERATIONS SHARED FOUNDATION Shared Data and Runtime Services Reusable report definitions, market calendars, storage primitives and fallback services form a common data/runtime layer beneath the research products. Capabilities • Curated macro report/snapshot/vintage contracts and market-calendar utilities. • Signed R2 object access, compressed artifact handling and bounded HTTP bodies. • Reusable authenticated fallback servers and published origin discovery. Works with The shared runtime keeps artifact readers and fallback tiers aligned across multiple research products. Source-documented scope; a public interface capture is not included.
---	--

Services and shared foundations

Grouped by chapter; capabilities and relationships follow the audited project records.

PLATFORM AND OPERATIONS SHARED FOUNDATION Editorial Design Language Reusable CSS primitives provide a consistent editorial visual language for research interfaces without introducing a standalone application. Capabilities • Typography, prose and structured data/table presentation. • Buttons, controls, notices and overlays shared from source. • Consistent interface primitives across separately built product surfaces. Works with A common presentation layer complements the embedding SDK and the product-specific chart workspaces. Source-documented scope; a public interface capture is not included.	PLATFORM AND OPERATIONS SHARED FOUNDATION Backup and Recovery Tooling A data-protection toolchain combines incremental object mirroring, database exports, off-box copies and verification of recoverable bytes. Capabilities • Incremental object manifests with hashes and retained copies of vanished source objects. • D1 exports and VPS chat-database backup upload. • Sampled restore verification by re-reading source and backup bytes. • Retention and integrity tools for scheduled backup workflows. Works with Backup jobs complement release and monitoring tooling; the portfolio describes the tools, not a guarantee that every current backup has passed a restore. Source-documented scope; a public interface capture is not included.
--	--

Rocket Car Rentals Vietnam

A connected rental experience across customer web, staff operations, APIs, and a separate mobile app.

Managed technical delivery across a public rental website, staff operations console, Worker APIs, partner API, and separate customer mobile app. Product flows cover fleet discovery, booking, customer accounts, and payments.

Context

A car-rental business needs customer booking and staff operations to share consistent product rules across web, APIs, and mobile.

Contribution and approach

- Technical management spans the public rental site, operations console, Worker APIs, and a separate Expo customer app.
- Coordinated shared TypeScript modules for booking, fleet, account, and payment rules across product surfaces.

Result

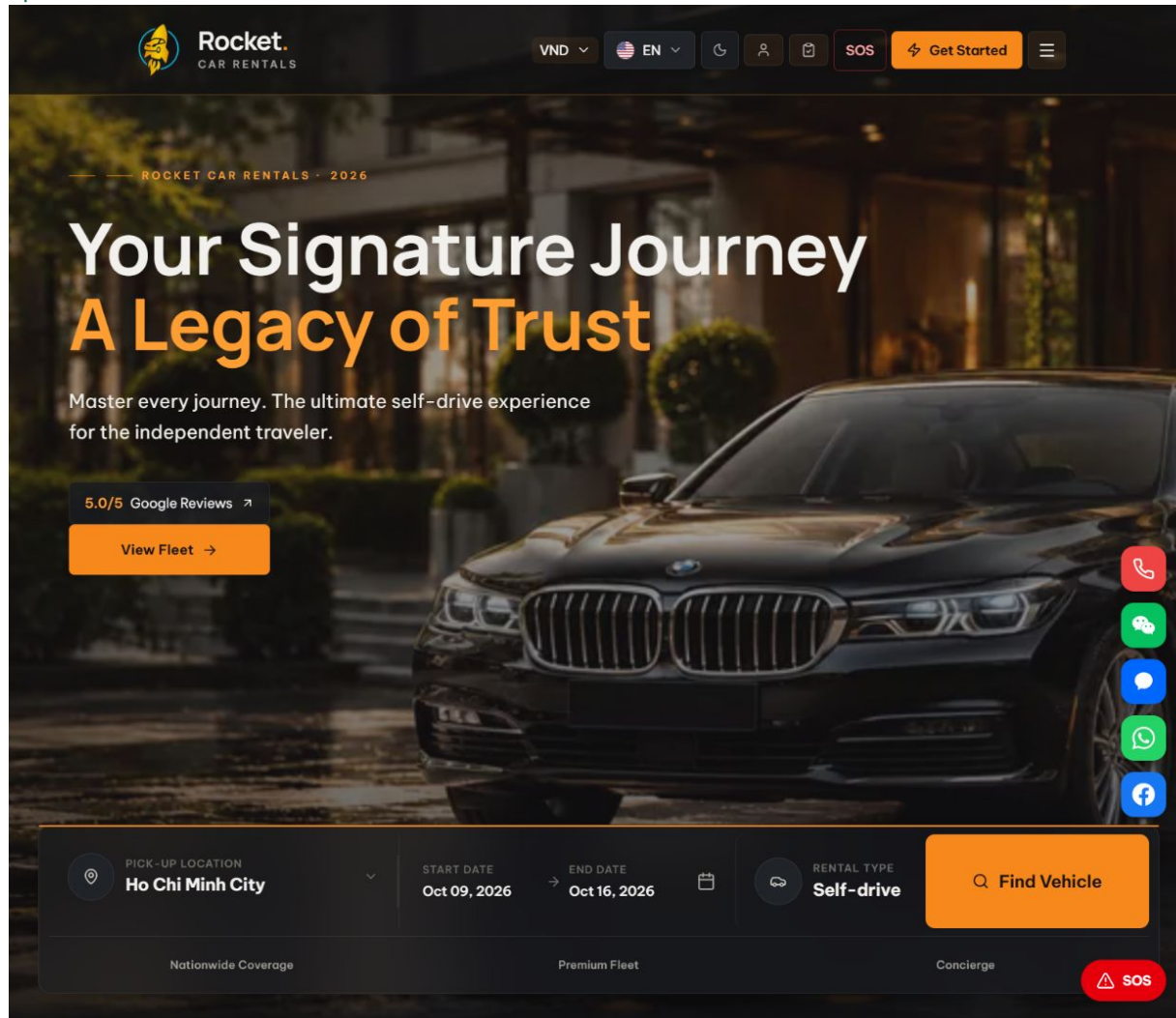
A connected rental product spans guest web, staff operations, API services, and an Expo customer app. The captured public interface contains no customer account or booking records.

Next.js · Expo · Cloudflare Workers · Hono · TypeScript

Rocket Car Rentals Vietnam

Rocket Car Rentals public website.

[Open source page](#) · [View full-size capture](#)

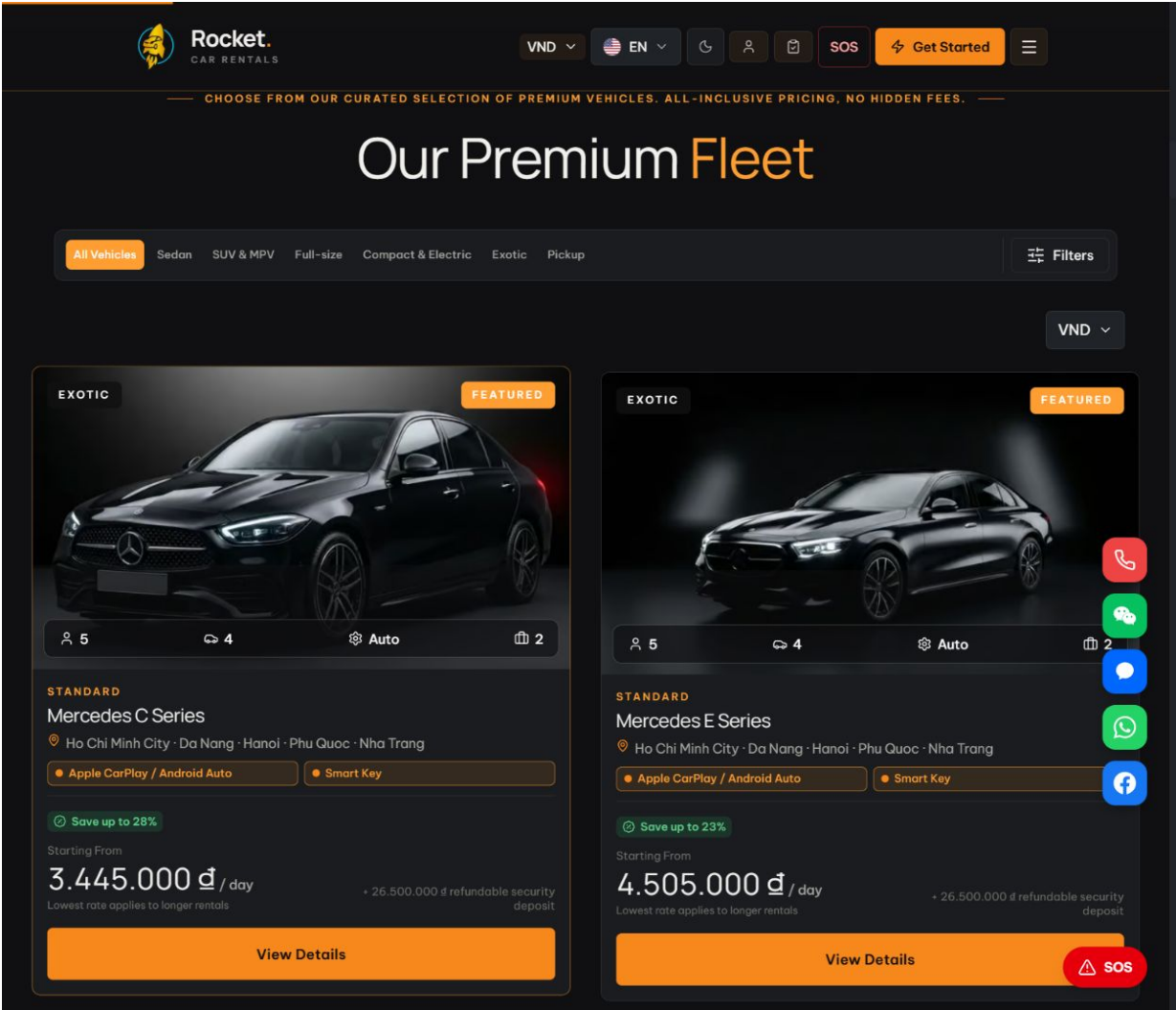


Public customer website, captured 9 Oct 2026.

Rocket Car Rentals Vietnam

Rocket public fleet-selection interface.

[Open source page](#) · [View full-size capture](#)



Public fleet-discovery and vehicle-selection interface.

Rocket Car Rentals Vietnam

Rocket Console content management with privacy mode enabled.

[View full-size capture](#)

Nội dung / Blog

Blog

🔍

Tìm hoặc nhảy tới...

🔑

🗖️

🌙

🔔

Partner API Automation (agent)

Quản Trị

🔗

Hôm nay

Booking2

Xe

Tài chính

Tour trọn gói

Nội dung

Hệ thống

⏪

Quay Lại Trang

Blog

20 bài viết

Danh sách

Hiệu quả

TỔNG

20

ĐÃ XUẤT BẢN

20

BẢN NHÁP

0

🔍

Tìm kiếm...

Tất cả trạng thái

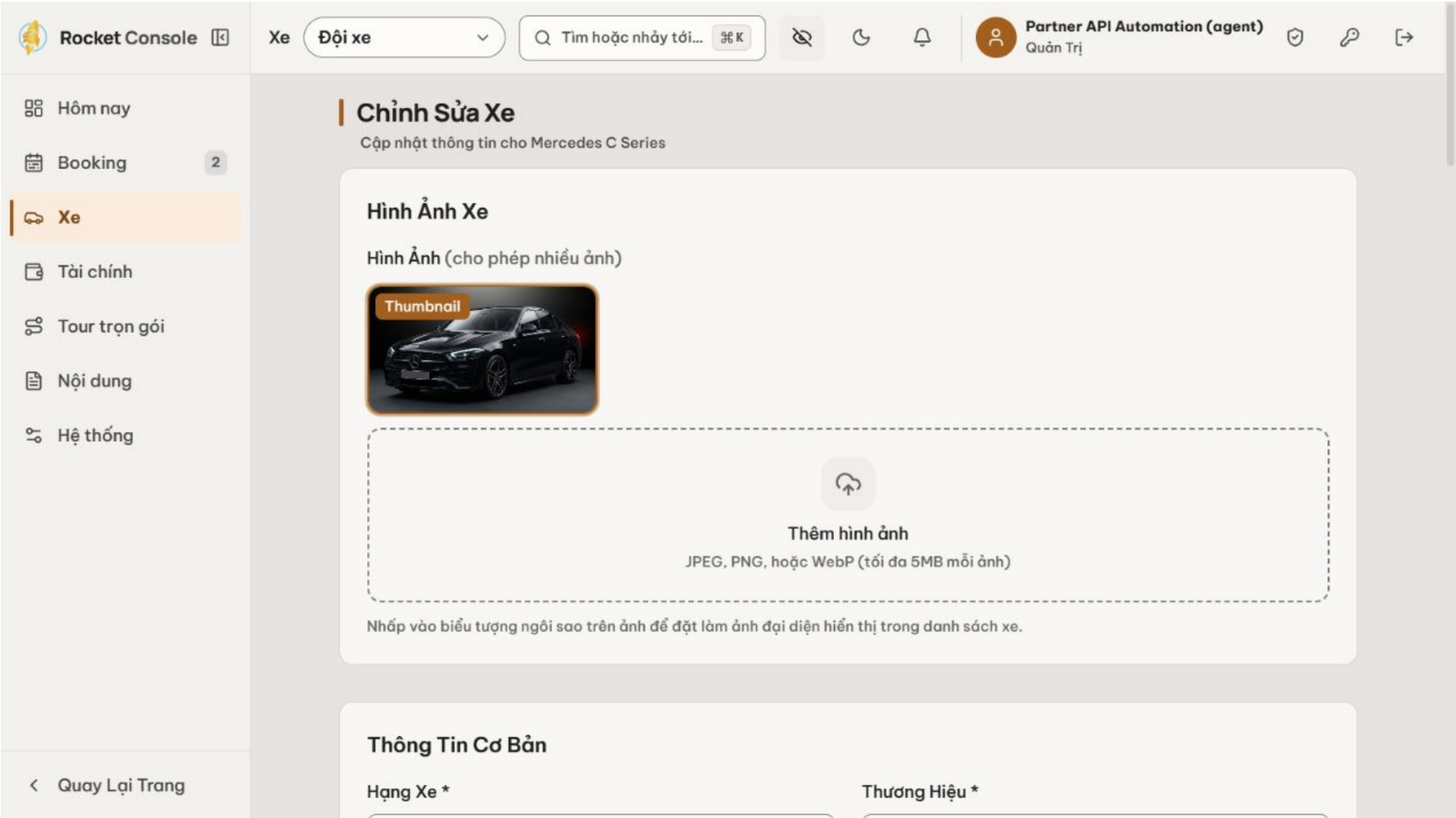
Tiêu đề	Danh mục	Trạng thái	Lượt xem	Đã xuất bản			
The Complete Ho Chi Minh City Travel...	guides	● Đã xuất ...	587	2026-07-03	Xem trên web	🗑️ Ẩn	🗑️ Xóa
Heading North: A Self-Drive Journey i...	travel	● Đã xuất ...	583	2026-07-03	Xem trên web	🗑️ Ẩn	🗑️ Xóa
The Unspoken Flow: Navigating Vietn...	guides	● Đã xuất ...	584	2026-07-03	Xem trên web	🗑️ Ẩn	🗑️ Xóa
Beyond the Window: The Vietnam You...	travel	● Đã xuất ...	582	2026-07-03	Xem trên	🗑️ Ẩn	🗑️ Xóa

Production Rocket Console content management. Built-in sensitive-data mode enabled; no customer or financial records shown. Console UI is Vietnamese-only. This is a selected safe content-management view, not a complete Console view.

Rocket Car Rentals Vietnam

Rocket Console vehicle-media editor.

[View full-size capture](#)

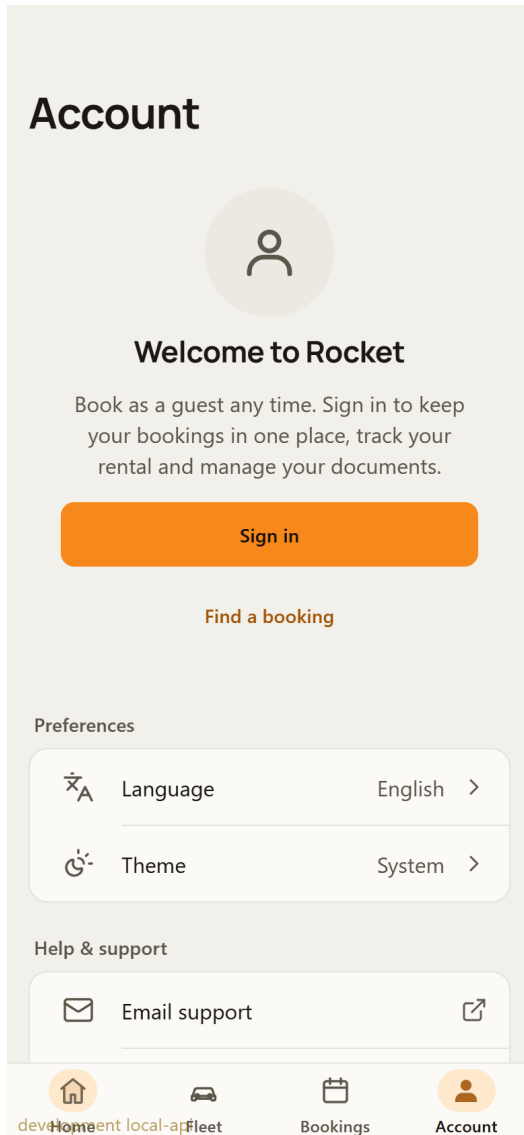


Production Console vehicle-media editor with privacy mode enabled. No edits submitted; confidential fields are outside this capture. This is a selected safe editor view, not a complete Console view; no edits were submitted.

Rocket Car Rentals Vietnam

Rocket mobile app Account screen in an Expo web preview.

[View full-size capture](#)



Logged-out Expo web preview of the app; not a native-device image or a shipped web product.

Actual Expo app rendered in a local web preview, English Account screen, logged out. This is not an iOS/Android device or store-release capture.

[View full-size capture](#)

Golden Sunrise

Contributed financial models for a senior-care venture, including a model supporting a successful fundraising round and later planning work.

Contributed a financial model supporting the successful US\$150,000 fundraising round, followed by additional financial modeling engagements. Model details and investor material are withheld.

Context

A senior-care venture needed financial modeling to support fundraising and later planning work.

Contribution and approach

- Contributed to the integrated operating schedules and forecast statements in the fundraising model.
- The model includes DCF and investor-return valuation with scenario, sensitivity, and Monte Carlo analyses.
- Prepared additional models for later planning and analysis engagements.

Result

The financial model supported a successful US\$150,000 fundraising round. Later work included additional planning and analysis models; private assumptions and investor materials are omitted.

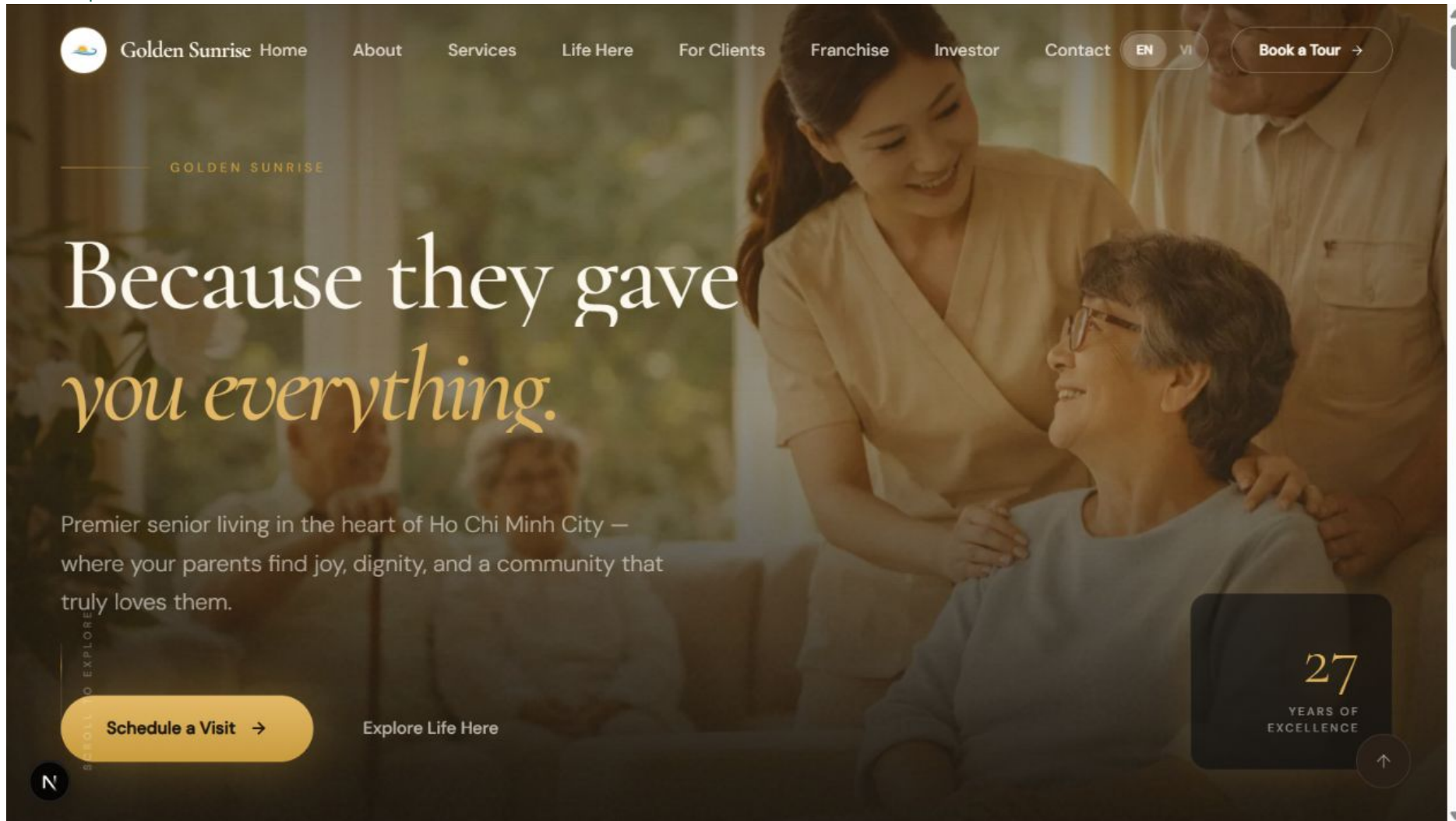
Financial modeling · Fundraising · Business planning

GOLDEN SUNRISE

Golden Sunrise

Locally rendered Golden Sunrise website.

[View full-size capture](#)



Golden Sunrise website rendered locally for venture context. The financial-model contribution is described separately; private model contents are omitted.

Mộc Village Homestay

Three applications support guest discovery and booking, internal operations, and a separate café brand.

Developed guest-facing discovery, room and booking flows alongside a separate operations/PMS application and a Café site for menu and visitor information.

Context

A hospitality business needs a guest-facing stay and booking experience alongside tools for internal operations and a separate café brand.

Contribution and approach

- Developed a public homestay experience with room discovery, booking, guest account, and policy pages, alongside an admin/PMS application.
- Built a separate café site with menu, journal, events, and visitor information.

Result

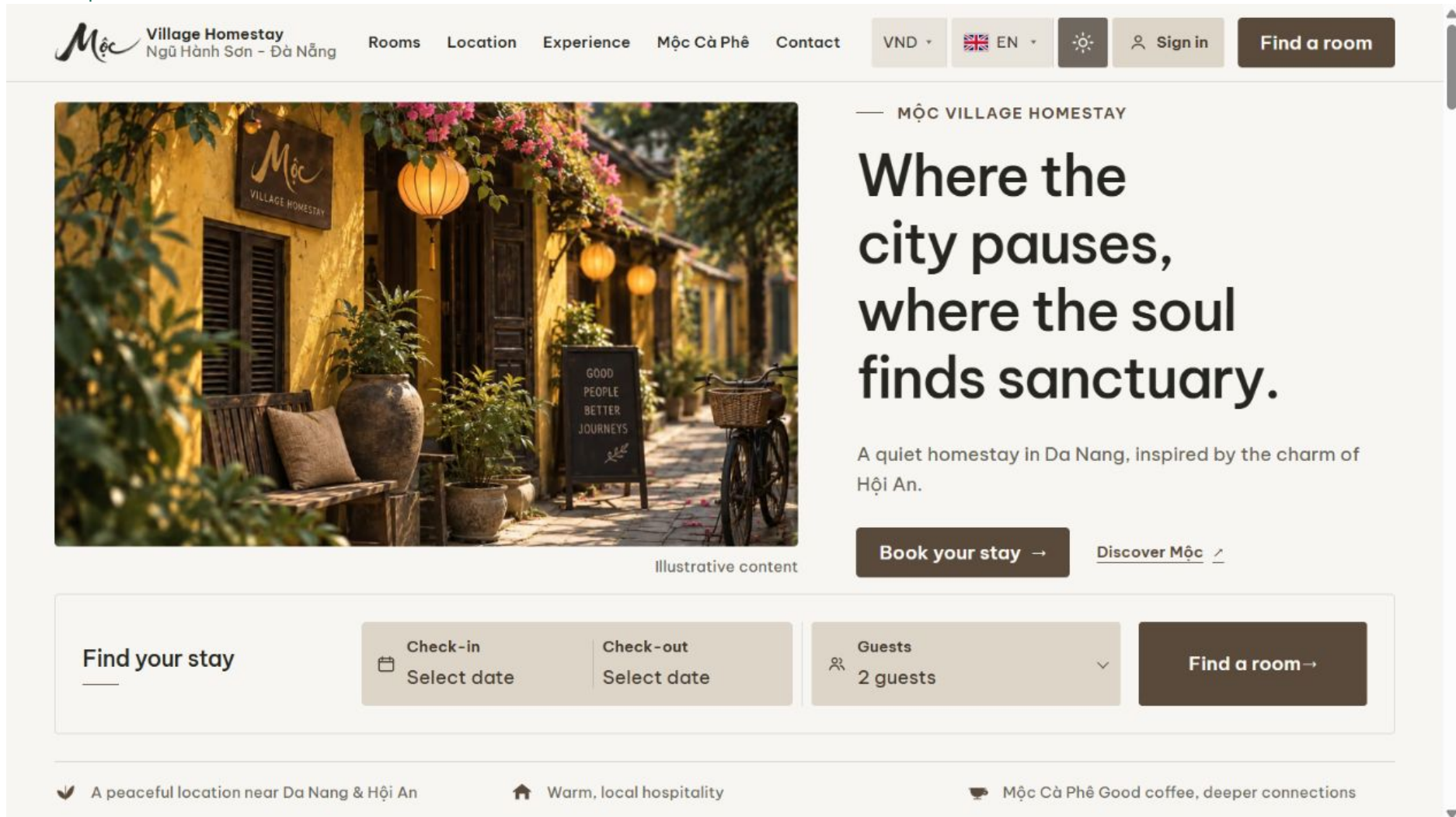
Delivered three distinct web experiences: guest discovery and booking, internal operations/PMS, and a Café site. Captures show the interfaces; displayed room imagery is not documentary property photography.

Astro · Cloudflare Workers · D1 · Hospitality · Content

Mộc Village Homestay

Deployed Mộc Village interface; room imagery is not documentary property photography.

[View full-size capture](#)



Capture of the deployed interface. Room imagery may be stock or illustrative and is not documentary property photography.

Mộc Café

A café site for menu, journal, events, and visitor information.

The Café application has routes for menu, story, events, journal, and visitor details. Its capture documents the interface, not the property.

Context

Mộc Village needed a separate café site for menu and visitor information.

Contribution and approach

- Built a separate site with menu, story, events, journal, and visit information.

Result

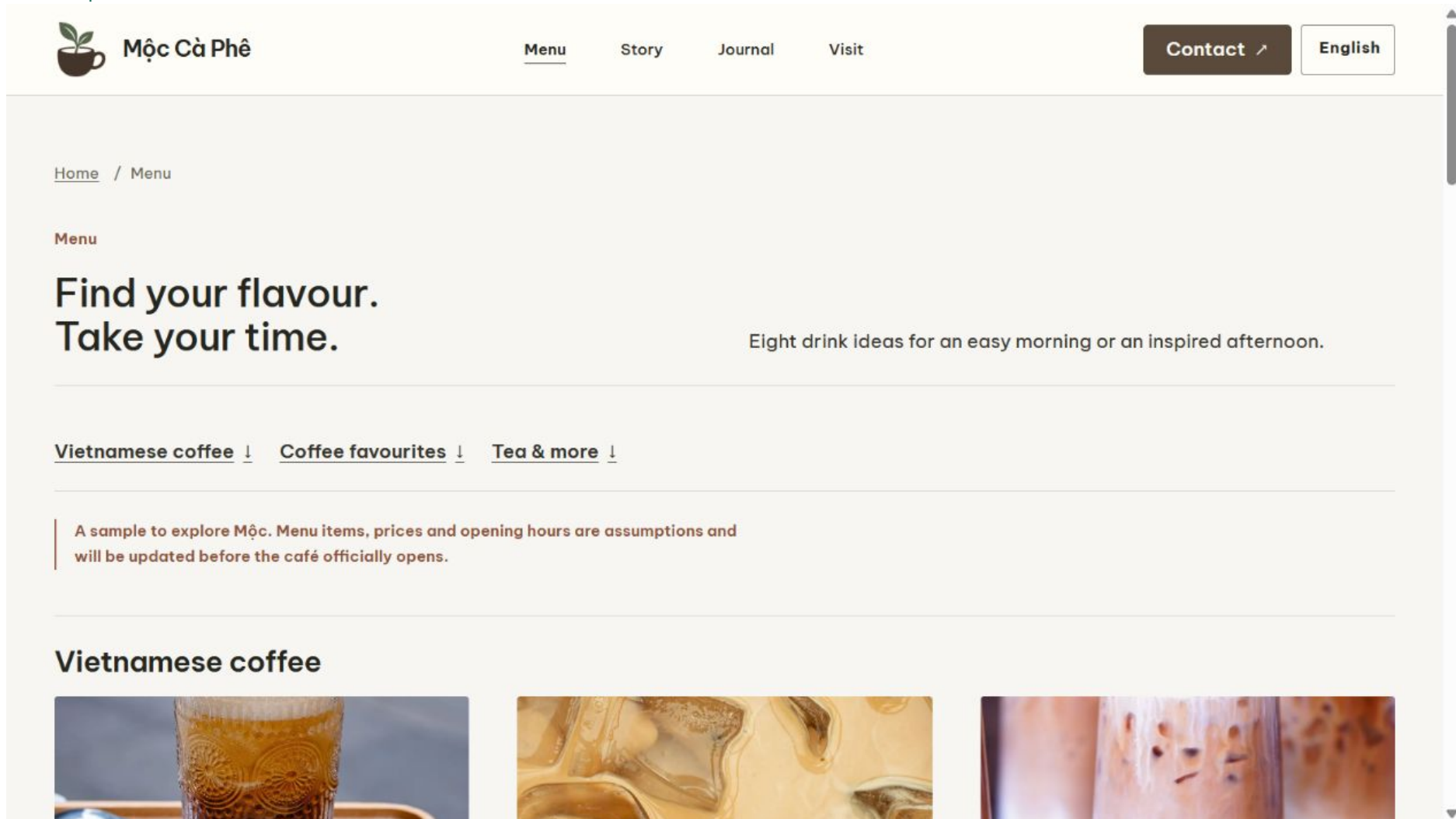
The source records dedicated café routes. Menu content and operational details are not presented as confirmed business information.

Astro · Hospitality · Content

Mộc Café

Mộc Café menu interface.

[View full-size capture](#)



Deployed Café interface; imagery is not property-documentation evidence.

SELECTED PROJECTS

Additional systems

Private applications and local research prototypes.

VietDai Business Workflow App · *Product Engineer & Project Manager*

An internal application for contract and inventory workflows, with offline use and document generation in source.

Two Cents Hustler · *Product Engineer*

A public research site with a separate access-controlled dashboard for market information and analysis.

Social Media Industry Dashboard

Contribution context awaiting confirmation.

Research Visualizations

Standalone HTML pages use interactive charts to present research snapshots and thematic dashboards.

Prospire Portfolio Workstation · *Founder and Product Engineer*

A private workstation for portfolio views, risk analysis, and related research tools.