

RISHAB LAL

Software Engineer & Founder · 7.9 years shipping production systems across fintech (consumer + institutional)

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EXPERIENCE

Multi-agent LLM Trading System · Independent · *Global / Remote* *Feb 2026 – Present (4 months)*

- Multi-agent LLM trading system: 10+ specialist roles vote on directional calls; per-role DPO LoRAs on Qwen2.5-32B with custom vLLM + 4-bit KV-cache quantization; live signal-to-fill on Hyperliquid + Cascade

Python · PyTorch · vLLM · DPO · LoRA · Hugging Face · transformers · SQLite

Cascade · Senior Engineer · *New York, NY* *Sep 2025 – May 2026 (9 months)*

- Engineered core matching-engine logic with standardized error + status codes; owned major slices of the trading-page frontend including the real-time charting stack and order-management UX. **\$1B+ trading volume** in beta with **sub-second matching latency** (fastest across major exchanges); **~10K users** and **~\$10M ADV**

Rust · SpacetimeDB · Next.js · React · TypeScript · Privy

Drip Trade · Co-Founder / Senior Engineer · *Global / Remote* *Sep 2024 – Oct 2025 (1.2 years)*

- Full-stack ownership on the platform's flagship marketplace; pioneered UX patterns adopted by competitor venues. Built a creator launchpad (**200+ collection releases**), top-500 user analytics dashboard, and peer-to-peer order-book infrastructure. **\$50M+ volume** across **100K+ trades** and **~22K users**

Node · Next.js · React · TypeScript · Hyperliquid

Pallet Exchange · Co-Founder / Chief Technology Officer · *Global / Remote* *May 2023 – Oct 2024 (1.5 years)*

- Built the original product solo, then scaled to a 3-engineer + 3-business team; **raised \$2.5M for v2** (Coinbase, MoonPay, others); **~99% host-chain market share + 1M+ marketplace visitors** in v1
- Architected the marketplace entirely on smart-contract primitives — batch bidding + batch purchasing; contributed upstream changes to support parallel execution
- Shipped a viral social-lottery game (six-figure prize pool funded by platform fees) and a fully on-chain domain-name registry with multi-TLD support and hand-drawn per-TLD art generated and stored on-chain

Rust · CosmWasm · Next.js · React · Node · Sei · EVM

Kado Money (now swapped.com) · Senior Software Engineer · *Global / Remote* *Mar 2023 – Oct 2023 (8 months)*

- Smart contracts powering fiat on/off-ramps across an ecosystem of interoperable chains (Cosmos) — cross-chain routing via inter-blockchain messaging + AMM, with native stablecoin transfers via Circle's CCTP
- Built the on/off-ramp infrastructure for a second blockchain ecosystem (Solana), integrated with the dominant aggregator API to route into any supported asset

Rust · CosmWasm · IBC · Osmosis · Solana · Jupiter · Circle CCTP

Apollo DAO · Co-Founder / Senior Software Engineer · *Global / Remote* *May 2021 – Feb 2023 (1.8 years)*

- Co-founded the largest yield-optimization platform on Terra + the broader Cosmos ecosystem of interoperable chains — **~\$250M avg AUM** (peak **~\$420M**); **\$1M seed + \$10M** raised via in-house fundraising primitive
- Open-sourced a smart-contract vault framework adopted across the ecosystem; built community-governance tooling (multisig UX, payroll streaming, fund ops, trade routing) used by most protocols on the platform

Rust · CosmWasm · Golang · Cosmos SDK · Node · React

Bread Payments · Software Engineer II · *New York, NY* *Mar 2020 – Aug 2021 (1.5 years)*

- Owned the end-to-end test harness used across the backend org; contributed to the loan + payment processors driving most of the company's backend volume

Morgan Stanley · Java Developer · *New York, NY* *Jul 2018 – Feb 2020 (1.7 years)*

- Built and supported high-volume microservices (**150,000+ requests/day**); owned the proprietary Excel-rules ' rules-engine compiler powering compliance, trade routing, and risk limits

EARLIER INTERNSHIPS

Three Bridges Capital · Risk Analytics Programmer Intern · *New York, NY* *Sep 2016 – Mar 2017 (7 months)*

Bank of America · Market Risk Technology Intern · *New York, NY* *Jun 2016 – Aug 2016 (3 months)*

Princeton Integrated Rx Analytics · Software Development Intern · *Princeton, NJ* *May 2015 – Aug 2015 (4 months)*

EDUCATION

New York University · *Bachelor of Science in Business — Computing and Data Science concentration · Bachelor of Arts in Computer Science · New York, NY · May 2018*

Presidential Honors Society · ACM · Competitive Coding

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