

Ramiro Vazquez

Staff Product Engineer | Fintech, Trading & Web3

Azul, Buenos Aires, Argentina | Remote

ramiro.vazquez@gmail.com | linkedin.com/in/ramirotw | github.com/ramirotw

Profile

Product engineer and hands-on Tech Lead with 16 years in software development, the last six focused on Web3, DeFi, trading, and fintech. Takes products from technical discovery to production and client handoff, working across user-facing applications, backend services, SDKs, blockchain data, and transaction flows. Recent work includes mobile Bitcoin lending, an AI-agent competitions product, and RFQ infrastructure for institutional trading.

Expertise

- **Product and leadership:** product architecture, technical discovery, delivery ownership, client collaboration, team leadership, mentoring, code review
- **Full stack:** TypeScript, JavaScript, React, Next.js, Vite, Node.js, Express, NestJS, REST, GraphQL, PostgreSQL, Drizzle ORM, Redis, BullMQ, WebSockets
- **Trading and Web3:** Ethereum, EVM, Bitcoin, DeFi, CoW Protocol, Safe, ERC-4337, 0x RFQ, Permit2, transaction signing, The Graph, SQD
- **Production engineering:** Vitest, Cypress, Docker, Grafana, Sentry, CI/CD, monitoring, reconciliation
- **AI development tools:** Claude Code, Codex, Cursor; repository analysis, implementation, testing, review, and validation

Experience

Protofire | Senior Software Developer / Tech Lead

Remote | Apr 2020-Present

Contract title: Fullstack Blockchain Developer

- Own client engagements across DeFi, trading, wallets, SDKs, and blockchain data, from architecture and implementation to production delivery and handoff.
- Work as a principal individual contributor and Tech Lead. Also conduct technical interviews and promotion assessments.

Alpen | Tech Lead

2026

- Led architecture and backend delivery for a mobile Bitcoin-backed lending application on an EVM-compatible Bitcoin Layer 2.
- Led a five-engineer team across full-stack, Rust, iOS, and Android development. The system combined a NestJS backend-for-frontend, PostgreSQL and Redis, BullMQ jobs, SQD indexing, Safe-based ERC-4337 accounts, and real-time updates.
- Set the integration boundary for a Rust/UniFFI adapter shared by Swift and Kotlin clients. Planned an iOS-first delivery without splitting the shared codebase, then handed the system and architecture to Alpen.

Recall | Competitions App Fullstack Developer

2025-2026

- Served as fullstack developer on a six-person joint team comprising two Protofire engineers and four Recall team members. Defined the frontend architecture and took the AI-agent competitions application from its early stages to production.
- Delivered profiles, competition discovery and participation, dashboards, trading activity, authentication, and the backend endpoints needed by those flows.
- Built the staking and rewards lifecycle across frontend and backend, covering stake, claim, unstake, relock, and withdrawal. The live Base contracts now manage 22M+ RECALL across 60K+ open positions.

Stack: TypeScript, Next.js, React, Node.js, Express, PostgreSQL, Drizzle ORM, Redis, OpenAPI, Vitest, Sentry, wagmi, viem.

Finery Markets / 0x RFQ | Principal Developer

2024-2025

- Designed and shipped a production order management system connecting Finery Markets' institutional ECN liquidity to 0x RFQ.
- Built Node.js services that handled production peaks of up to 100 quote requests per second, normalized external orders, and served virtual order book data through /levels and /quote. Tracked on-chain fills and placed offsetting hedge orders to keep the market maker delta-neutral.
- Isolated Ethereum signing in a dedicated worker and added Permit2 support. Built persistence, reconciliation, position and PnL monitoring, Grafana dashboards, and Slack alerts.
- Delivered with three engineers and a Finery Markets product owner. The system ran in production for several months.

CUB3 | Fullstack Developer

2023

- Built campaign and reward flows for a Web3 loyalty platform, using Next.js, Express/OpenAPI and MongoDB, deployed on AWS.
- Integrated Polygon NFT contracts so verified online and real-world actions could issue digital collectibles and token-based rewards.

Kavitas / Kadena CDP | Fullstack Developer

2024

- Built the Next.js/TypeScript frontend and Kadena SDK for Kavitas, a pre-production Pact fork of Gravita—a multi-collateral Liquity fork—covering KUSD borrowing (USD-pegged debt stablecoin) and KQTY staking (incentive token earning protocol fees).
- Integrated Ecko and WalletConnect with Pact transactions; added dynamic collateral support, a liquidation bot, and testnet deployment tooling.

CoW Protocol / CoW Swap | Tech Lead

2021-2022

- Led a six-person Protofire team working jointly with CoW Protocol, contributing as one of three full-stack developers alongside a designer, QA engineer, and subgraph developer.
- Shipped the original CoW Swap referral feature, which had tracked about \$371M in referred trading volume by Apr 2022. Later contributed to transaction handling, order-execution UX, production testing, and UI maintenance.
- Authored 45 merged PRs across public CoW repositories, including early TypeScript SDK releases, order signing and cancellation, Node.js support, subgraph integration, Explorer, and Batch Viewer.

Additional Protofire work

- **Curve Finance:** established the TypeScript and Next.js foundation for Curve's Vue migration, then handed the implementation to its internal team.
- Contributed to the **Maker Governance Dashboard**, **Synthetix Mintr Safe App**, **Synthetix Grants DAO**, and **Gnosis Auction**, with additional product work for Leyline.

Earlier experience

ITC Crowd Arg | Senior Full-Stack Developer | Mar 2016-Mar 2020

Delivered web products for Mesh01, Mitrol, and Brytemap.

Hexacta | Senior Developer / Tech Lead | Jan 2015-Mar 2016

Led delivery for US clients Levels Beyond and CommercialTribe while remaining active in implementation and technical decisions.

Goya Corrientes SRL | .NET Developer | Jun 2011-Dec 2014

Principal developer for internal finance and operations software. Migrated a VB6 system and delivered five business-critical .NET applications.

Accenture | .NET Developer | Sep 2010-May 2011

Built financial reporting and delivery tools for a distributed global team.

Speaking

ETH Latam Buenos Aires | Workshop Instructor | Aug 2022

Safe DAO Trades using CoW SDK: taught developers to automate CoW Protocol market orders from EOAs and Safe accounts, including multisignature treasury swaps.

Education and languages

Universidad Nacional de La Plata | Licenciatura en Sistemas | 2008-2014

Coursework completed through the fourth year.

Spanish: Native | English: Professional working proficiency