

HUILÉN CANULLÁN

Web3 Fullstack / Frontend Engineer | Buenos Aires, Argentina

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Abstract

Fullstack developer with experience building Web3 applications and prototypes across EVM and Stellar ecosystems using React, TypeScript, Solidity, and Rust. Built products involving escrow, payments, crowdfunding, and yield tokenization. Strong at shipping quickly, learning new protocols, and turning technical requirements into working products. Uses AI tools (Claude Code, Cursor) as a core part of the development workflow.

Skills

Blockchain: Stellar/Soroban, Solidity, Foundry, Hardhat, Rust, Wagmi, Viem, TheGraph

Frontend: React, Next.js (SSR/SSG/App Router), TypeScript, JavaScript, C, HTML, CSS, Tailwind CSS, Zustand, React Query

Backend: Node.js, Express, REST APIs, Python (Pandas, Matplotlib)

Databases: PostgreSQL, MongoDB, SQL, Prisma

Tools: Git, Vitest, React Testing Library, MSW, Vercel, Profiling, Shadcn/UI

Other: Three.js, AI-assisted development (Claude Code, Cursor)

Work Experience

Fullstack Developer @ YieldBack Cash 2026

- Took end-to-end ownership of frontend features for a DeFi yield tokenization platform on Stellar/Soroban, from architecture decisions to production.
- Integrated complex smart contract interactions (swap router, AMM, PT/YT flows) into a Next.js frontend, managing the full transaction lifecycle; simulate, sign, submit, poll.
- Built a custom backend indexer in Node.js/TypeScript to track on-chain state from factory and market contracts.
- Contributed to Soroban smart contract development, identifying bugs and improving existing contract logic.
- Designed and implemented reusable component systems with strong attention to architecture, scalability, and developer experience across the frontend codebase using Zustand and React Query.
- Researched and applied modern frontend engineering techniques, including SSR patterns, data fetching strategies, and tooling improvements to enhance team development efficiency.
- Used AI tools (Claude Code, Cursor) as a core part of the development workflow, from accelerating implementation to writing and reviewing tests and debugging complex flows.
- Set up testing infrastructure (Vitest, React Testing Library, MSW) to mock RPC responses and reduce regression risk on critical financial user flows.

Frontend Developer @ Noya Software (YC 2023) 2024 - 2026

- Built and maintained scalable user-centric web applications using React, TypeScript, and Tailwind CSS, taking ownership of features end-to-end with strong attention to architecture and UX.
- Developed internal tools and AI-powered agents to automate workflows, building custom prompting pipelines and integrating AI output into production systems.
- Researched and implemented modern frontend patterns to improve scalability, maintainability and UX.
- Proactively identified and resolved performance, reliability, and UX issues without waiting for them to be assigned through testing, debugging, and optimization of complex UI interactions.
- Collaborated cross-functionally with design and product, translating requirements into production-ready features while communicating technical trade-offs clearly.

Frontend Developer @ Freelance 2019 - 2022

- Built and delivered client websites using HTML, CSS, and CMS tools (Wix).
- Worked directly with clients to gather requirements and deliver tailored solutions.
- Applied responsive design and basic SEO principles to improve usability and reach.
- Proactively sought out learning opportunities to implement best practices.

Projects

Velora — Cross-Chain Crypto Payment Processor @ Solana / ElevenLabs Hackathon (May 2026)

- Built a crypto payment platform where users generate a link, accept any token from any chain, and receive USDC on Solana instantly.
- Integrated LI.FI for cross-chain routing, x402 for programmatic AI agent payments, and Light Protocol for ZK-compressed private settlements.
- Shipped a full product with landing page, live dashboard, and payment analytics within hackathon timeframe.

Impulsar — Crowdfunding Platform @ Stellar GIVE Hackathon (Aug 2025)

- Built a crowdfunding platform on Stellar using TypeScript and Rust for contribution flows, fund management, and escrow logic.
- Implemented milestone-based releases to improve trust and accountability between contributors and project owners.
- Selected for Stellar Builder House scholarship.

FreeCup — Invoice Payment Platform @ Avalanche Summit + Hackathon London (May 2025)

- Built a responsive web application using Next.js and TypeScript for managing and processing invoice payments.
- Designed user flows for secure transactions and payment tracking.
- Integrated smart contract escrow system (Solidity) to handle payment security and release conditions.

Inno — Digital IP Management @ Aleph Hackathon (Oct 2025)

- Built a fullstack web application using React and TypeScript for managing and exploring digital intellectual property.
- Designed and implemented user interfaces for asset creation, ownership tracking, and transactions.
- Integrated smart contract logic (Solidity) for backend asset provenance and royalty handling.

Education

Computer Engineering at Faculty of Engineering, University of Buenos Aires (UBA) and University of Palermo (UP) (2024 - Present)

Editing/Publishing at Faculty of Philosophy and Letters, University of Buenos Aires (UBA) (2021 - Present)

Coursework: Digital Editing, Graphic Design, SEO, Production Tools

Courses

CS50: Introduction to Computer Science at Harvard University (2024 - 2025)

Topics: Data Structures, Algorithms, Memory, C.

Blockchain, Solidity and Full-Stack Web3 Development at Cyfrin Updraft (2024 - Present)

Topics: Solidity, Smart Contracts, Testing, Deployment.

Additional Programs: Avalanche Developer Academy - Dev3Pack Basecamp - Lisk Summer Bootcamp (2025)

Focus: Distributed systems, interoperability, and Fullstack Web3 development.