

Hung Doan

SENIOR FRONTEND ENGINEER

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SUMMARY

Senior Frontend Engineer with 7+ years of experience. I focus on clean code, solid architecture, and delivering actual value without unnecessary complexity. What I bring to a team:

- Legacy Modernization: Refactoring and restructuring messy codebases to make them clean and developer-friendly.
- Scalable Engineering: Writing readable, maintainable code that scales even without me.
- Product-Minded: Obsessing over UI polish, intuitive UX, and frontend performance to deliver a seamless experience.
- Remote & Async Work: Working efficiently in remote, multicultural teams across different time zones, and relying on clear, asynchronous communication to keep projects moving without needing frequent live meetings.
- Autonomy: Taking full ownership of complex features from technical design to deployment, and maintaining high standards through meticulous code reviews.

EXPERIENCE

Perpetual DEX Startup

Remote

SENIOR FRONTEND ENGINEER, FOUNDING ENGINEER

Jun. 2025 - Present

- Led complex frontend implementations and rigorous code reviews, enforcing high architectural standards and maintaining a strongly-typed codebase optimized as a predictable context for AI-assisted coding tools (**Cursor/Claude**).
- Engineered a resilient **WebSocket client** with automated retry and channel resubscription logic, optimizing data pipelines via batching to stream high-frequency market updates with zero data loss.
- Developed the core frontend state engine (Zustand/TypeScript) to manage **SPOT and Perpetual order types** (Limit, Market, Stop), processing real-time local calculations for margin requirements and account equity.
- Engineered automated **Playwright** data pipelines to scrape high-fidelity equity metrics (earnings, forecasts) from TradingView and Yahoo Finance, architecting a **Supabase/PostgreSQL** backend to power market insights for Stock Perpetuals.
- Built a secure **Custody Admin dashboard**, enabling the operations team to efficiently monitor platform assets, audit user deposits, and safely trigger internal custody transactions.
- Accelerated UI development by building a comprehensive, **Radix-based component library** (100% Figma aligned) and engineering internal Slack-to-GitHub integration tools to streamline PR approvals and team communication.
- Architected modular frontend infrastructure, establishing a clean separation between Web3 wallet logic, data layers, and UI components to accelerate feature delivery and ensure team-wide codebase consistency.
- **Tech stack**: React, Next.js, TypeScript, Zustand, WebSockets, Supabase, PostgreSQL, Playwright, Jest, React Testing Library, Storybook, Radix UI, TanStack Query

YoloLabs

Remote

SENIOR FRONTEND ENGINEER

Sep. 2023 - Dec. 2025

- **Led the development** and implementation of cutting-edge frontend solutions for 4 Web3/Web2 projects.
- Collaborated directly with Smart Contract Engineers to integrate contract ABIs, powering core Web3 functionalities across the frontend including token swaps, liquidity deposits/withdrawals, airdrop claims, and waitlist participation.
- Developed dynamic and responsive user interfaces using **React and Next.js**, optimizing performance and scalability. Enhanced SEO and user experience with **server-side rendering (SSR) and static site generation (SSG)** in Next.js, leading to faster load times and improved search engine rankings.
- Implemented animations in React using libraries such as **Framer Motion**, creating engaging and interactive user experiences. This improved user engagement and contributed to a more polished and professional application look and feel.
- Designed and **integrated RESTful APIs** for seamless communication between frontend and back-end systems enabling efficient data exchange and functionality, improving application performance and user experience.
- Utilized UI frameworks such as **ChakraUI, ShadcnUI and TailwindCSS** for rapid and responsive design development.
- **Tech stack**: React, Next.js, TypeScript, Wagmi, Viem, Ethers.js, @solana/web3.js, React Hooks, TailwindCSS, Storybook

Kyber Network

Hanoi, Vietnam

FRONTEND ENGINEER

Jul. 2021 - Aug. 2023

- Partnered directly with the Smart Contract team to integrate contract ABIs and execute end-to-end frontend integration for core DeFi protocols, including token swaps, liquidity deposits/withdrawals, and limit order mechanisms.
- Refactored the swap engine architecture by decoupling complex business logic from UI components and optimizing store state management, drastically eliminating unnecessary re-renders and boosting interaction responsiveness.

- Architected and executed a comprehensive migration plan to transition legacy JavaScript codebases to modern React and TypeScript, resulting in a 25% boost in application performance and significant long-term maintainability.
- Streamlined UI component management and accelerated development cycles by integrating **Storybook**, ensuring consistent design patterns across legacy and modern views.
- Enhanced code reliability and release velocity by establishing comprehensive automated testing suites utilizing **Jest, Cypress, and React Testing Library**.
- **Tech stack:** React, Next.js, TypeScript, Wagmi, Viem, React Hooks, Styled-Components, Jest, Cypress, React Testing Library, Storybook

Got It, Inc

Hanoi, Vietnam

FRONTEND ENGINEER

Jul. 2020 - May 2021

- Implemented **TypeScript** in projects to enhance code quality and maintainability through static type checking. Reduced runtime errors and improved developer productivity with more predictable and robust code.
- **Tech stack:** React, Javascript, Jest, Cypress, React Testing Library, Storybook, Material UI

NetEnt AB

Stockholm, Sweden

FRONTEND ENGINEER

Jun. 2019 - Jul. 2020

- Built and styled an internal game framework using **HTML, CSS, JavaScript and React**, ensuring compatibility and responsiveness across various devices and browsers.
- Employed **CSS frameworks such as Material UI and Styled-Components** to streamline design processes and ensure consistent user interfaces.
- Conducted thorough **debugging and code reviews**, addressing performance issues and ensuring high code quality.
- Created detailed **documentation and test cases** (unit tests and E2E tests), contributing to a well-organized and efficient development workflow.
- **Tech stack:** React, TypeScript, Javascript, Jest, Cypress, React Testing Library, Storybook

EDUCATION

Uppsala University

B.S. IN COMPUTER SCIENCE

*Cumulative GPA: **3.84** / 4.00*

Aug. 2018 - Jul. 2019

Hanoi University of Science and Technology

B.S. IN COMPUTER SCIENCE

*Cumulative GPA: **3.77** / 4.00*

Aug. 2015 - Aug. 2018

SKILLS

Frontend	TypeScript, JavaScript, React.js, Next.js, Zustand, Redux, Tailwind CSS, Radix UI, Framer Motion, Figma
Tooling & Workflow	AI-Assisted Development (Cursor, Claude), WebSockets, Jest, Cypress, React Testing Library, Storybook, Linear
Backend	Node.js, Go
Web3	Web3.js, @solana/web3.js, Ethers.js, Wagmi, Viem

LANGUAGE

English	Professional working proficiency
Vietnamese	Native