

TRUNG TRAN DUY

Senior Frontend Engineer / Frontend Lead

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SUMMARY

Senior Frontend Engineer with 4+ years of experience building and owning complex frontend systems across enterprise, consumer, and Web3 products. Strong background in frontend architecture, data-heavy interfaces, real-time systems, and zero-to-one product development. Experienced in frontend technical leadership, mentoring junior engineers, and delivering production systems under scale and performance constraints.

CORE SKILLS

React, TypeScript, Next.js, Vite, TailwindCSS · State Management (Redux, Zustand, Valtio) · Frontend Architecture & Design Systems · Performance Optimization · Real-time & Data-intensive UI

EXPERIENCE

Senior Frontend Engineer (Solo) — TheVapeLabs

Feb 2024 – Nov 2024

- Worked as a solo frontend engineer, owning UI/UX across all team products.
 - Led frontend development for the core web app, marketing site, and multiple landing pages.
 - Designed a scalable frontend architecture to support rapid iteration and long-term maintainability.
 - Built user interfaces for a DePIN product integrating physical vape/pod devices with software, translating device states and system data into clear, usable experiences.
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Frontend Lead / Senior Frontend Engineer — The X Lab (Confidential)

Nov 2023 – Aug 2024

- Served as Frontend Lead for multiple private products, alternating between technical leadership and solo implementation.

- Responsible for frontend architecture, code quality, and complex UI logic in real-time and financial systems.

Selected Projects:

- **SC — Derivatives Trading Platform** (*Nov 2023 – Mar 2024*)
Frontend Lead for an orderbook-based trading platform supporting leverage up to x1000. Built real-time UI for price charts (BTC, ETH), order updates, trade matching, and accurate PnL/ROI calculations. Implemented an additional prediction-market module inspired by Polymarket.
 - **AU — AI Agent Platform** (*Feb 2024 – Jun 2024*)
Solo frontend development for a platform enabling users to create, configure, and share AI agents. Implemented agent configuration flows, subscription features, and token-related UI with a focus on usability for non-technical users.
 - **WM — DeFi Premarket & OTC Platform** (*May 2024 – Aug 2024*)
Developed frontend for a premarket and OTC trading platform using escrow-based smart contracts, focusing on transparency, trust, and risk awareness in P2P transactions.
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Frontend Lead — Moonlab

Apr 2022 – Aug 2023

- First formal experience as a Frontend Lead; shared ownership of the frontend codebase, made decisions on stack and architecture, and established coding standards.
- Participated in hiring and mentoring; trained two frontend interns who later became core engineers at Moonlab.

Key Projects:

- **Run Together (Move-to-Earn)** (*Mar 2022 – Dec 2022*)
Frontend Lead for a product combining blockchain with NFC-enabled physical shoes. Supported high-traffic launches: 7,413 NFTs sold within 30 minutes; 15,000+ app downloads within 6 days; peak #2 ranking on Google Play Vietnam; 3,000+ active users. The project was featured on VTV.
- **ONUS Chain (Layer-2 on BSC)** (*Feb 2022 – Aug 2023*)
Owned frontend for the block explorer by researching and customizing the open-source Blockscout codebase. Delivered a production-ready explorer for on-chain data including blocks, transactions, and network activity.
- **Mcity (Metaverse Platform)** (*Dec 2022 – Jun 2023*)
Led frontend development for a metaverse product, building interactive 3D landing pages using Three.js, react-three-fiber, and canvas while balancing visual richness and performance.

- **Animverse (GameFi)** (*Nov 2021 – Mar 2022*)

Zero-to-one project owning the entire frontend: landing pages, NFT marketplace, and presale/IDO pages. Early hands-on experience with Web3 primitives and React-based solutions such as wagmi.

- **Private Client Projects (Confidential)** (*2022 – 2023*)

Delivered dozens of Web3 white-label products (DEXs, launchpads) for international partners under NDA, focusing on core user flows, trading interactions, and reliable delivery.

Frontend Engineer (Intern → Junior) — Teracom

Jun 2021 – Apr 2022

- Contributed to digital-transformation projects for government and state-owned enterprises, including portals and CMS/CRM systems.
 - Led frontend refactoring efforts, migrating legacy codebases to Next.js and TypeScript; first team member to apply SSR to improve SEO and maintainability.
 - Representative projects: public portals and CMS platforms for Vinh Tan Thermal Power Company and Son La Hydropower Company.
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EDUCATION

Software Engineering — Academy of Cryptography Techniques (2017 – 2022)