

Thanh Tuan Bui

Frontend Developer (React, Next.js, TypeScript, Web3, Blockchain, DeFi)

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Professional Summary

Front-end engineer specializing in React 18 and Next.js (App Router, RSC) with a focus on performance, accessibility, and resilience for Blockchain and DeFi applications. Built trading and analytics UIs across 10+ chains (EVM + Solana), hardening real-time experiences with robust WebSocket flows, caching, and error boundaries. Consistently improved Core Web Vitals via SSR/ISR, code-splitting, and budget-driven optimization, with CI/CD automation using GitHub Actions and Docker.

Core Skills

- Performance & Rendering: React 18 concurrent features, RSC, SSR/ISR/SSG, Suspense/streaming, code-splitting, image optimization
- Accessibility (a11y): WCAG 2.2 AA, semantic HTML/ARIA, keyboard navigation, focus management
- Real-time & Data: React Query, resilient WebSocket flows (reconnect/backoff), optimistic UI, virtualization
- CI/CD & Release: GitHub Actions workflows, Dockerized builds, caching, and preview deployments
- DX & Monitoring: Storybook, type-safe forms (React Hook Form + Zod), linting/pre-commit, Sentry, performance budgets

Technical Expertise

- Languages/Frameworks: TypeScript, JavaScript, React, Next.js, Vite
- State/Data: React Query, Zustand
- Web3: ethers.js, web3.js, viem, wagmi, @solana/web3.js, Anchor; Wallets: MetaMask, Phantom, WalletConnect, Ledger
- UI: TailwindCSS, Shadcn UI, Radix UI, Chakra UI, MUI, Antd
- CI/CD & DevOps: GitHub Actions, Docker, containerized builds, deployment workflows
- Tooling: Git/GitHub, Postman/Swagger, Storybook, Sentry; Testing (baseline): Jest, React Testing Library, Cypress

Flagship Projects

Whales Market — Front-end Developer

- Launched multi-chain trading UI (10+ EVM + Solana) with Next.js App Router and SSR/ISR for improved TTFB/LCP.
- Built reliable wallet-connection and transaction UX with clear statuses, retries, and optimistic flows.
- Reduced JS payload via route-level code-splitting and modern image pipeline to stabilize INP. Links: whales.market · pro.whales.market · [@WhalesMarket](https://twitter.com/WhalesMarket)

Intent.Trade — Front-end Developer

- Delivered high-performance trading UI with TradingView overlays, synchronized crosshairs, and annotation layers.
 - Implemented React Query caching with background revalidation and request de-duplication.
 - Added error boundaries, Suspense, and skeletons to improve perceived performance and resilience.
- Links: [intent.trade](#) · [@intent_trade](#)

gmAI Anchor — Front-end Developer

- Built Anchor program interface with stepper flows, validation, and transaction simulation previews.
 - Implemented end-to-end transaction pipeline (simulate → sign → send → confirm) with progress indicators.
 - Documented components/flows in Storybook to accelerate integration across ecosystem dApps.
- Links: [gm.ai](#) · [gm.ai/anchor](#)

Other Projects

- Whales.Meme: [whales.meme](#)
- Paperhands: [paperhands.gm.ai](#)
- GM.AI Telegram Bot: [t.me/gmdotaibot](#)
- Personaify.ai: [personaify.ai](#)
- Unich: [unich.com](#)
- Unich Token: [token.unich.com](#)

Professional Experience

Front-end Developer — LAB3 & Unich

Oct 2023 – Present Organizations: LAB3 (Oct 2023 – Jan 2025), Unich (Jan 2025 – Present)

- Standardized wallet flows and data fetching across multiple React/Next/TS Web3 apps; built resilient multi-chain trading UX.
- Led Web3 OTC trading features with SSR/ISR + CDN caching, improving TTFB/LCP under load.
- Optimized TradingView rendering and data throttling to reduce re-renders and CPU usage during volatility.
- Built reusable component library (Shadcn + Radix) with Storybook docs to speed feature delivery across teams.
- Built CI/CD with GitHub Actions (type-check, build, dockerized images, cache, preview deploys); drove a11y/perf audits to improve Core Web Vitals and WCAG conformance.
- Stabilized transaction submission pipeline with clear statuses, retries, and robust error handling.

SAVVYCOM — Front-end Developer

Jun 2022 – Oct 2023

- Led personaify.ai front-end; introduced Suspense/data-fetching patterns and virtualization for large docs.
- Built a11y-compliant component set using Radix primitives; documented in Storybook and drove adoption.
- Implemented Cypress E2E and Jest/RTL suites with coverage thresholds to reduce regressions.

- Improved critical journeys with performance budgets and Lighthouse/Core Web Vitals-driven fixes.

CMC GLOBAL — Front-end Developer

Apr 2021 – Jun 2022

- Shipped high-traffic client apps; introduced code-splitting, lazy loading, and route-level data caching.
- Established Cypress/Jest testing and CI practices to reduce production issues and accelerate deployments.
- Collaborated with design/product to streamline complex workflows and increase task completion rates.

TTC Solutions Technology — Intern/Junior Front-end Developer

Aug 2020 – Apr 2021

- Contributed to multiple production projects; delivered responsive UIs with solid cross-browser support.
- Improved load times via image optimization, caching, and removing render-blocking resources.

Education

FPT Polytechnic Hanoi (2018 – 2020)

- Major: Information Technology

Languages

- English: Professional working proficiency
- Vietnamese: Native