

Nguyễn Thái Bảo (James)

Senior Full Stack Developer

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OBJECTIVE

Senior Full Stack Developer with 7+ years of experience building scalable, reliable, and maintainable web applications. Skilled in solving complex technical challenges and delivering high-quality solutions with real business impact. Continuously learning and staying current with emerging technologies, especially AI and modern software engineering practices. Seeking to leverage my experience and technical expertise to build impactful products and grow with a strong engineering team.

SKILLS

Programming	TypeScript, JavaScript, Node.js, Next.js — strong ability to quickly learn and adopt new technologies.
Front-end	React.js, Next.js, Redux, Jotai, Context API, Tailwind CSS, Design Systems, performance optimization, and scalable frontend architecture.
Back-end	Node.js, REST APIs, GraphQL, CronJobs, microservices and distributed systems.
Database & Data Stores	Experienced in PostgreSQL, Redis, Elasticsearch, TimescaleDB; database design and query optimization.
Messaging & Streaming	Experienced in Kafka, RabbitMQ; event-driven architecture.
Blockchain / Web3	Cardano ecosystem, CIP-30 wallets, Ledger hardware wallet integration, DEX/trading applications, and on-chain/off-chain integrations.
DevOps & Observability	Docker, CI/CD, bare-metal infrastructure, Sentry, Grafana, production monitoring, troubleshooting, and performance optimization.
AI & Agentic Development	Claude Code, Codex, MCP, agent skills.
Engineering	System design, scalable architecture, performance optimization, code review, debugging, testing, and software engineering best practices.
Testing	Vitest, Jest, Playwright; experienced in unit, integration, and E2E testing.
Process	Agile / Scrum, Jira, Linear, Git and end-to-end feature delivery.
Leadership	Experienced in leading frontend development, making technical decisions, mentoring engineers, conducting code reviews.
English	Working proficiency.

WORK EXPERIENCE

Minswap | minswap.org

Dec 2021 - Jul 2026

Senior Full Stack Developer / Front-end Lead

- Led frontend engineering for Cardano's largest DEX platforms, building the product from scratch, serving **\$US 180M+ peak TVL, 90K+ MAU, 262K+ active traders, 6.4M+ successful trades, and 10B+ ADA in trading volume**.
- Architected and developed the core trading interface using **Next.js, React.js, Jotai, Context API, and Tailwind CSS**, with a focus on performance, scalability, and maintainability.
- Built advanced trading experiences including **TradingView charts, trading terminal platform, Ledger hardware wallet, and CIP-30 wallet integrations**.
- Designed reusable **Trading Widget libraries/SDKs**, enabling partners to embed Minswap trading functionality directly into their own sites.

- Contributed across the full stack, building and optimizing **Backend services, GraphQL, Restful API, PostgreSQL, and CronJobs** for high-volume DeFi workloads.
- Led the Frontend team while actively contributing to Backend architecture, technical decisions, code reviews, and cross-team delivery.
- Managed **bare-metal infrastructure**, containerized applications with **Docker**, maintained **CI/CD pipelines**, and monitored production health with **Sentry** to ensure reliable deployments and system stability.
- Optimized application architecture and critical user flows by adopting modern techniques, achieving a **50% reduction in bundle size** and reducing build time from **5 minutes to 40 seconds (7.5x faster)**.
- Leveraged **Claude Code, Codex, agent skills, and MCP integrations** to streamline development workflows, accelerate delivery, and improve engineering productivity.

Tech: Next.js, React.js, TypeScript, Jotai, Tailwind CSS, GraphQL, PostgreSQL, Redis, Node.js, TradingView, Cardano/CIP-30, Ledger, Sentry, Bare-metal Infrastructure, CI/CD, Docker, Vitest/Jest, Claude Code, Codex.

One Mount Group

Jun 2021 - Nov 2021

Front-end Developer

- Develop key e-commerce applications, including Merchant Ops and B2B2C platforms.
- Design scalable, maintainable solutions and integrate complex internal and external services.
- Drive code quality, performance optimization, technical decisions, and engineering best practices.
- Collaborate with Product, Design, QA, and engineering teams to deliver high-quality features.

Tech: React.js, Next.js, TypeScript, Jest.

Teko Vietnam

Oct 2020 - May 2021

Front-end Developer

- Built reusable UI components and a shared library based on Teko's Design System.
- Developed features for large e-commerce products including Phong Vu and VnShop.
- Integrated VnShop payments with 20 banking partners.
- Improved application performance, UX, and code maintainability.

Tech: React.js, Next.js, JavaScript, TypeScript, Jest.

BraveBits Company | PageFly

Oct 2018 - Sep 2020

Intern & Front-end Developer

- Developed core features for PageFly, a popular Shopify page builder.
- Built drag-and-drop functionality and reusable page-building components.
- Improved editor performance and integrated third-party Shopify applications.
- Contributed across frontend and backend development.

Tech: React.js, JavaScript, Node.js, Shopify, Jest.

PERSONAL PROJECTS

CloudBook - E-Learning Platform

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Front-end Lead

- Designed and developed an interactive e-learning platform for creating and reading digital books.
- Built a drag-and-drop book editor supporting interactive elements such as exercises, videos, and audio.
- Took ownership of core application functionality and delivered interactive book-reading experiences.
- Implemented an activation-code system for controlling user access to published books.

Tech: React.js, Java Spring Boot, AWS.

FPT Education Recruitment System

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Full Stack Developer

- Developed a recruitment management system for FPT Education HR as a university capstone project.
- Worked directly with HR stakeholders to gather and translate business requirements into technical solutions.
- Designed the system architecture and application structure from requirements through implementation.
- Built and maintained the application with a focus on clean, maintainable code and usability.

Tech: ASP.NET, JavaScript, HTML, CSS.

EDUCATION

FPT University2016 - 2020

Software Engineering

GPA: 8.2/10

CERTIFICATIONS - HONORS & AWARDS

First Prize in IBM track of Angelhack Hackathon 20192019

First Prize in Algorithm Competition in province2016

Participant in National Algorithm Competition2016

Honorable Student in FPT University2016 - 2020