Tran Thai Anh

BACKEND DEVELOPER

- Lam Dong, Viet Nam
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Profile

Third-year Software Development undergraduate with hands-on experience in backend engineering using Node.js and NestJS. Skilled in designing and deploying scalable, secure backend systems and integrating them with modern frontend frameworks. Passionate about AI-driven technologies, particularly autonomous agents, and continuously exploring ways to apply them to real-world backend architectures. Strong collaborator with a keen interest in learning emerging technologies, solving complex problems, and delivering high-quality software solutions.

Skills

Programming JavaScript, Python

Frameworks React, NestJS, FastAPI, LangChain

Cloud & DevOps AWS

Databases PostgreSQL, MongoDB

Tools Git, Visual Studio Code, ChatGPT, Claude, n8n

Education

Dalat University   Sep 2023 - Feb 2028

3rd year undergraduate majoring in Software Development

Experience

Greenscape (Personal Project)   Jul 2023 - Sep 2023

Developed an end-to-end e-commerce system for a plant shop, featuring a Next.js storefront for customers and an Electron.js admin app for inventory management—both powered by a shared NestJS API. Deployed the full system to AWS for scalability and reliability.

Tech Stack Next.js, Electron.js, NestJS, PostgreSQL, Redis, Docker, AWS ECS, AWS S3, AWS Amplify

Keycat (Personal Project)   Sep 2023 - Jan 2024

Built a real-time multiplayer typing game inspired by competitive ranking systems in League of Legends. Implemented matchmaking and live updates via WebSockets, with persistent data stored in CockroachDB and Redis for performance optimization.

Tech Stack Next.js, NestJS, CockroachDB, Redis, Docker, WebSockets

Memvault (Personal Project)   Jul 2025 - Aug 2025

Designed and implemented a distributed, fault-tolerant key-value store, inspired by Redis. Added consistent hashing and data replication to enable quick retrieval, updates, and deletions across multiple nodes.

Tech Stack Node.js