



# Tran Thai Anh

BACKEND ENGINEER

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## Profile

Third-year Software Development undergraduate with strong backend experience using Node.js and NestJS, and industry exposure through a part-time role contributing to a FastAPI-based backend. Interested in building scalable systems and exploring AI-driven technologies.

## Skills

**Programming** JavaScript (TypeScript), Python

**Frameworks** NestJS, FastAPI, LangChain

**Databases** PostgreSQL

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

## Education

**Dalat University**

Sep 2023 - Feb 2028

3rd year undergraduate majoring in Software Development

**Current GPA: 3.88**

## Scholarships

**Ministerial-level Student Research Award**

National-level recognition for outstanding student research (Nov 2025)

Nov 2025

**Vallet Scholarship**

Prestigious merit-based academic scholarship (Aug 2025)

Aug 2025

**Entrance Topper Scholarship**

Awarded for top academic ranking on university entry

Oct 2023

**Merit-based Scholarship**

Awarded for academic excellence across 4 academic terms

## Experience

**Betterscale**

Sep 2025 - Present

**Part-time Backend Engineer**

- Freelancer with rate \$5/hour
- Develop secure auth system and integrate with 3rd-party APIs smoothly
- Support AI engineering team with prompting and building agents
- Support frontend team with API integrations
- Deploy the entire API containerized with Docker to a remote VPS

**Tech Stack** FastAPI, LangChain, PostgreSQL, Qdrant, Docker, Caddy

**Greenscape (Personal Project)**

Sep 2023 - Jan 2024

- Built a Next.js customer storefront and an Electron.js admin application for inventory management
- Designed and implemented a shared NestJS REST API to support both applications
- Implemented authentication, role-based access control, and core e-commerce workflows (products, orders)
- Designed database schemas and handled data persistence
- Deployed the system to AWS

**Tech Stack** Next.js, NestJS, PostgreSQL, AWS, Electron.js