

Tran Tuan Thang

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EDUCATION

- **Bachelor of Information Technology** 2022 – 2026 (Expected)
Ho Chi Minh City Open University (OU)

EXPERIENCE

- **Fullstack Developer Intern** Oct 2025 – Present
TMA Solutions
 - Contributed to the development of an **R&D AGV Monitoring System**, a platform utilizing computer vision for operational analysis.
 - Designed and implemented scalable backend modules using **FastAPI** and **SQLModel**, applying **SOLID principles** to maintain code quality.
 - Developed interactive UI features and managed application state using **React** and **TypeScript**.
 - Collaborated on integrating external **MLOps AI services** to visualize advanced data processing results.
 - **Stack:** Python (FastAPI, SQLModel), TypeScript (React), Node.js, Docker, MLOps Integration.

PROJECTS

- **Online Job Finder Application (Mobile)** - [GitHub](#) Apr 2025 – Jun 2025
 - A cross-platform mobile application facilitating job search and recruitment processes.
 - Built responsive UI with **React Native** and managed navigation flows for job listings and CV submissions.
 - Integrated **Firebase** for user authentication and real-time data synchronization.
 - Integrated RESTful APIs to retrieve and visualize dynamic company and job data.
 - **Technologies:** React Native, JavaScript, Firebase Auth, REST API.
- **Online Admission Consulting System** - [GitHub](#) | [Live Demo](#) Jul 2025 – Sep 2025
 - A full-stack web platform helping high school students select majors based on academic scores and personality tests.
 - Architected the database schema and developed RESTful APIs using **Spring Boot** to handle admission data.
 - Implemented the **scoring logic** to generate Holland Codes from user responses and mapped them to suitable academic majors.
 - Designed a user-friendly interface with **React** for score input visualization and result tracking.
 - **Technologies:** Java Spring Boot, React, MySQL, Render (Deployment).

SKILLS

- **Backend:** Java (Spring Boot, Security, JPA), Python (Django, FastAPI), SQLModel, RESTful API.
- **Frontend:** JavaScript, TypeScript, React, React Native, Bootstrap 5, Axios, Next.js.
- **Database:** MySQL, SQL Server, Database Design (ERD, normalization).
- **Tools:** Git, GitHub, Postman, Docker, Scrum / Agile.
- **Soft Skills:** Teamwork, Self-learning, Analytical thinking, Problem-solving.

ACTIVITIES AND ACHIEVEMENTS

- **Software Solution Competition (University-level)** Oct 2025
Achieved **2nd Prize** in Algorithmic Challenge.