

ĐẶNG MAI ANH TÚ

Fullstack Software Engineer

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SUMMARY

Full-Stack Software Engineer with 2 years of hands-on experience building scalable web applications, AI-integrated, and cloud-based systems using Java Spring Boot, ReactJS, Python, and AWS across EdTech, recruitment, and SaaS domains. Strong background in backend architecture, frontend development, and CI/CD automation, with practical experience deploying production systems on Linux servers. Contributed to platforms serving thousands of active users, integrated LLM-based features into real-world applications, and led small development teams while collaborating with cross-functional stakeholders.

SKILLS

- **Backend Development:** Java, Spring Boot, Spring Security, JPA/Hibernate, Python, Fast API, RESTful API, AI integration, OOP, Microservices architecture
- **Frontend Development:** JavaScript, HTML5, CSS, Bootstrap, ReactJS, Ant Design, Responsive Design.
- **DevOps:** CI/CD (GitHub Actions), Docker, Linux server management, AWS (ECS, Lambda, S3, SQS, SES, IAM), Nginx
- **Databases:** MySQL, PostgreSQL, Qdrant, Database Design.
- **Tools:** Git, Maven, Figma, Postman, Jira, Claude, Codex
- **Soft Skills:** Project management, leadership, communication, requirements gathering, fast learner, English (IELTS 6.0)

EDUCATION

Aug 2022 - May 2026

FPT University (HCM CAMPUS)

- Software Engineering
- GPA: 3.21

WORK EXPERIENCE

Maytrix - Junior Full Stack Developer (Onsite) **Aug 2025 - Present**

- Key member of an EdTech startup platform serving 3,000+ active users.
- Developed and maintained full-stack features for an online exam preparation web platform and internal CRM system.
- Served as the primary DevOps engineer for all company projects, managing CI/CD pipelines, deployments, servers, and production environments.
- Built CRM modules for Facebook lead integration, order management, transaction tracking, and accounting reports.
- Contributed technical and business solutions to platform growth, mentored new team members, and led a small development team of 3 engineers.
- Collaborated with BA, PO, and UI/UX teams to deliver scalable business solutions.
- Improved system functionality and user experience based on product requirements and user feedback.
- **Technology:** Java, Spring Boot, MySQL, PostgreSQL, Docker, AWS (Route53, EC2, S3, SES), NextJS, ReactJS, Redux Toolkit

FPT Software - Backend Developer Internship (Onsite) **Dec 2024 - Jul 2025**

Developed and maintained backend API services for a $10 million automotive startup in the Japanese market. Gained hands-on experience in deploying and troubleshooting applications on AWS, utilizing services such as Lambda, EC2, ECS, RDS, S3 and CloudWatch

- **Technology:** Python, Fast API, AWS (EC2, ECS, Lambda, RDS, IAM), Elasticsearch, Microservices, Docker

SAT Chasedream - Full-Stack Developer (Freelance) **Jan 2024 - Present**

- Developed a multi-tenant LMS platform for Digital SAT preparation as a Full-Stack Developer
- Built a responsive and realistic SAT test-taking interface optimized for both desktop and mobile devices.
- Developed backend APIs for question bank management, test assignments, student progress tracking, and result management.
- Integrated LLM-based features to generate and support SAT question explanations.
- Configured CI/CD pipelines using GitHub Actions to streamline deployment and improve development workflows.
- Contributed to building a scalable and reliable platform currently serving over 400 active users.

- **Technology:** ReactJS, Redux Toolkit, Spring Boot, AWS(SES, SQS, S3), Docker, MySQL, CI/CD GitHub Action
- **Video Demo:**
  - https://youtu.be/XAtOByOhjAg?si=q6_6PBLqrm6UxjeO
  - https://youtube.com/playlist?list=PLIolFUWzABBkLRjhKdqdesWla9dsAAFuh&si=g9XMjMna_wVFceI3
- **Website Link:** https://sat.chasedream.edu.vn , https://sat.figogroup.vn

PROJECT

SmartRecruit - AI Recruit Platform **Jan 2026 - Apr 2026**

- Developed an AI-supported recruitment platform for the IT industry with features such as CV analysis, candidate ranking, and CV improvement suggestions based on job requirements.
- Built Python-based AI services using LLM integration and routing techniques to analyze resumes, extract technical skills and experience, and generate matching scores with CV improvement suggestions.
- Developed backend services using Java Spring Boot and RESTful APIs; integrated RabbitMQ for asynchronous CV processing between services.
- Built and maintained ReactJS interfaces for candidates, employers, and administrators, including dashboards, recruitment workflows, AI scoring results, and CV suggestion features.
- Configured Docker-based deployment and maintained CI/CD pipelines on a Linux server environment.
- **Technology:** Spring Boot, FastAPI, AWS, Docker, PostgreSQL, Qdrant, RabbitMQ, ReactJS, Redux Toolkit, Tailwind CSS, GitHub Actions
- **GitHub**:
  - https://github.com/anhtu2808/sma-backend
  - https://github.com/anhtu2808/sma-client
  - https://github.com/anhtu2808/sma-employer
  - https://github.com/anhtu2808/sma-admin
- Live Demo: smartrecruit.tech, employer.smartrecruit.tech, admin.smartrecruit.tech

Metro Ticket System **May 2025 - June 2025**

Developed a metro ticketing system that enables users in Ho Chi Minh City to seamlessly purchase and manage MRT tickets through mobile application.

- **Position:** Full-Stack Developer - Team Leader
- **Team Size:** 5
- **Technology:**
  - **Frontend:** ReactJS, React Native, Bootstrap, Ant Design, Redux Toolkit, Redux Thunk, Axios (Interceptor)
  - **Backend:** Spring Boot,RESTful API, Microservices, MySQL, Kafka
- **Role & Responsibility:**
  - Led a team of 5 members, coordinated team tasks, conducted code reviews.
  - Designed the system architecture and implemented CI/CD pipelines .
  - Implemented the frontend admin portal for managing tickets, price, routes, stations, and users.
  - Developed backend APIs for authentication, ticketing, reporting, and pricing (via API Gateway).
- **GitHub:**
  - https://github.com/anhtu2808/Metro-Backend
  - https://github.com/anhtu2808/Metro-Admin
  - https://github.com/anhtu2808/Metro-Mobile
- **Video Demo:** https://www.youtube.com/playlist?list=PLIolFUWzABBn56QjcVsYI5H4e6DBpEp0h