

# DAI NGUYEN

Senior Full Stack Developer (Focus on Scalability and Performance) - Relevant experience for building scalable AI services

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TP HỒ Chí Minh

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Date of Birth: 04/02/1995

## PROFILE SUMMARY

AI Engineer with 2+ years of experience in designing, developing, and deploying AI/ML models. Proficient in Python and experienced with ML/AI frameworks, LLMs (GPT, etc.), LLM Orchestration frameworks (Langchain, LangGraph), and LLM monitoring tools (LangSmith). Hands-on experience building and deploying applications in production, including RAG and Vector Databases. Seeking to contribute to impactful AI solutions, collaborate with cross-functional teams, and leverage cloud platforms (AWS/GCP) to deliver scalable and high-performance AI services. Strong ability to work independently from research and prototyping to implementation and testing.

## WORK EXPERIENCE

### Senior Full Stack Developer (Focus on Scalability and Performance) - Relevant experience for building scalable AI services at Rakkar Digital

05/2024 - NOW

Team Size: 4 (Full-stack team)

Asia's leading digital asset custodian delivering ultra-secure crypto custody, backed by SCB 10X. Experience with building scalable systems that could be applied to AI services.

Responsibilities: Developed new features and enhanced existing functionality based on product team requirements., Built and optimized frontend applications with reusable React components and responsive UI., Assisted in migrating legacy modules to microservices and developed the new BFF layer to enhance system scalability., Implemented and maintained automated testing pipelines with Jest & Cypress., Monitored CI/CD pipelines on AWS/GCP; troubleshooted and fixed build/deployment issues using Docker – experience with deploying to production environments., Ensured code quality and security compliance through regular use of automated scanning tools., Collaborated with international teams on product architecture and engineering standards., Supported team members and contributed to cross-team knowledge sharing

Achievements: Improved API latency by 32-44% across critical endpoints through performance optimization - applicable to optimizing AI model latency., Co-developed the BFF layer, enabling decoupled frontend-backend communication – relevant to building scalable AI architectures., Improved test coverage to 70%+ across core modules, ensuring reliability of deployed services., Supported platform stability for successful Securities and Exchange Commission compliance., Participated in building the custody product app for Fireblocks MPC-CMP., Built a dynamic report system, allowing the product team to configure and generate reports independently, speeding up development.

Technologies: NestJS, Node.js, TypeScript, Go, Jest, WebSockets, React.js, Ant Design, Redux, GraphQL, Cypress, PostgreSQL, MongoDB, Redis, AWS, GCP, Kubernetes, Docker, Datadog, CI/CD, Microservices, BFF architecture

## Senior Front End Developer at Job Logic

12/2020 - 04/2024

Team Size: 18 (Frontend team)

SaaS/CRM platform for global field service businesses (HVACR, Plumbing, Electrical, etc.)

Responsibilities: Developed new features based on customer requirements; collaborated closely with BA & Backend teams to ensure high-quality, performant, and scalable solutions., Led R&D initiatives to evaluate and integrate new technologies., Enhanced system by migrating from View-MVC to Vue.js, React.js improving performance and user experience., Managed SonarQube quality standards to ensure clean, maintainable code., Worked on-site in the UK for collaboration with product & business teams.

Technologies: Vue.js, Vuex, React.js, Redux, jQuery, Kendo, SurveyJS, .NET C#, MySQL, Azure

## Senior Front End Developer at Sutrix Solution

10/2017 - 11/2020

### Sub-Projects:

- Globe

Responsibilities: Build user page & admin page, analyze flow project, training & support newbies.

Tech Stack: Angular Native, Vue, Vuex, Sass, Bootstrap

- Chugai

Responsibilities: Create template by design, handle user function (FE side) with JQuery

Tech Stack: JQuery, Less, Bootstrap, Adyen

- Player - Ad studio - Advertise templates

Responsibilities: Join to develop, design templates, research new technologies, and improve the development process.

Tech Stack: Reactjs, Vanilla JavaScript

- Mely mobile application (printing management software)

Responsibilities: Join to develop, and design templates app based on the current version of the website.

Tech Stack: React Native, Redux Thunk, C#

## SKILLS

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Technical: Python, JavaScript, TypeScript, Node.js, Nest.js, ReactJS, VueJS, Golang, GraphQL, PostgreSQL, MongoDB, AWS, GCP, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), ML/AI Frameworks, LLMs (GPT, etc.), Model Architectures (classification, regression, clustering, recommendation), Prompt Engineering, RAG, Vector Databases, Machine Learning, Artificial Intelligence, Fine-tuning models, PdM (Predictive Maintenance), Virtual Assistants, Smart Search Engines

Soft Skills: Strong analytical thinking, Attention to detail, Team player, Collaborative mindset, Self-driven, Proactive, High responsibility spirit, Good communication skills (Vietnamese and English written and spoken), Solid problem-solving skills, Ability to work independently: from research and prototyping to implementation and testing

Tools: Langchain, LangGraph, LangSmith

Languages: Vietnamese, English

## EDUCATION

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## Bachelor - Information Technology - NTU

Year: 07/2013 - 07/2017

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## PROJECTS

### Daidev (Potential for AI Integration)

06/2023 - NOW

A portfolio platform designed to showcase projects, with future plans to incorporate AI features such as smart search and personalized recommendations. Demonstrates potential for building scalable AI services.

Tech Stack: Docker, Next.js, Nuxt.js (Micro FE), React/Vite, Nest.js, MongoDB Atlas, Amazon S3, Route 53, Gmail API, Swagger, Docusaurus

Results: Designed and developed a scalable portfolio platform with future plans for AI-powered features, showcasing ability to integrate AI into existing systems.

### Resumate (Potential for AI-powered Resume Analysis)

A project with potential for future development to integrate AI for resume analysis, scoring, and improvement recommendations. Shows experience with ML/AI concepts and applications for PdM, prediction, classification, etc.

Tech Stack: react, next

Results: Potential to integrate AI for resume scoring and improvement suggestions, demonstrating experience with ML/AI models for prediction and classification tasks.

Link: <http://daidev.click:5000/dashboard/projects>

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## CERTIFICATIONS

### Professional Scrum Master™ I (PSM I)

Scrum.org - 08/2025

### Graph Developer - Associate

Apollo GraphQL - 08/2025

### AWS Certified Developer – Associate

Amazon Web Services (AWS) - 07/2025

### Advanced React

Meta - Coursera - 05/2025