DAO QUANG TRUONG

Fullstack Developer

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SUMMARY

Fullstack Developer and Engineering Leader with over 3 years of professional experience and a strong focus on the next generation of software engineering via Agentic AI. Proven track record of leading cross-functional teams of 8+ engineers and delivering high-scale enterprise solutions for major clients like Viettel and Naver. Expert in cross-platform applications, and currently pioneering Agentic SDLC frameworks to automate and optimize the software development lifecycle.

WORK EXPERIENCE

Lead Developer | AI & Agentic Systems Jan 2024 – Present

• **Focus:** Researching and developing autonomous AI agents to revolutionize the Software Development Life Cycle (SDLC).

• **Key Achievement:** Built and open-sourced Agentic-SDLC, a framework that automates coding tasks and system design using Multi-agent orchestration.

Software Engineer / Team Leader Blameo (Outsourcing for Viettel Group) | Hanoi | Jun 2022 – Present

Engineering Leadership & Mentorship

• **Hiring & Growth:** Scaled the engineering department by designing a rigorous technical interview framework for Frontend and Mobile roles.

• **Team Development:** Established a structured mentorship program for interns, resulting in improved team-wide code quality and high-performance standards.

• **Leadership:** Led and mentored a cross-functional team of 8 engineers, aligning technical roadmaps with project milestones.

Backend Architecture & System Performance

• **System Refactoring**: Refactored legacy Node.js services reducing API latency by 50% and improving system reliability during peak loads.

• **Full-stack Development:** Architected a KPI tracking platform and Viettel Cloud features using React, TypeScript, and Node.js.

• **Technical Standards:** Established initial project structures and enforced high-level coding standards such as ESLint and Git flow.

Software Engineer CMC Global | Hanoi | Oct 2021 – Jun 2022

• **Cross-Platform Development:** Engineered a unified video conference solution across Web (Vue.js), Desktop (Electron.js), and Mobile (React Native) platforms.

• **Real-Time Communication (RTC):** Researched and implemented media synchronization algorithms to stabilize video quality and connection across different devices and bandwidths.

• **Code Quality:** Actively participated in code reviews and architectural discussions to ensure clean code and minimize production bugs.

Frontend Developer NTQ Solution | Hanoi | Oct 2020 – Oct 2021

• **Low-Code Platform Development:** Built core features for a mobile app generation platform using React Native, focusing on automation and dynamic functionality.

• **E-Learning Application:** Developed an exam and e-learning mobile app with a focus on intuitive user interfaces and smooth interactive flows.

PROJECTS

Agentic SDLC (Personal R&D) | *AI Engineer | (Jan 2024 – Present*)

• **Challenge:** Reducing manual effort in repetitive coding tasks and system documentation.

• **Action:** Engineered a Multi-agent system using LangGraph/CrewAI to coordinate AI agents for requirement analysis, code generation, and automated testing.

• **Result:** Created a functional framework capable of generating production-ready boilerplate and self-correcting code through iterative AI feedback loops.

• **Tech Stack:** Antigravity, Gemini, Neo4j, LEANN

Tech Stack: Python, LangChain, LLMs, Docker, GitHub Actions.

NetBI – KPI Management Platform | *Software Engineer (Jan 2023 – Jan 2024)*

• **Challenge:** Build a unified web and mobile platform for enterprise KPI monitoring with complex data visualization needs.

• **Action:** Led frontend development, building the foundational React and React Native codebases. Designed and implemented an interactive geospatial data visualization feature (Vietnam Map) for mobile. Established the full CI/CD pipeline using GitLab CI/CD, Jenkins, and Linux VPS (Nginx).

• **Result:** Enabled real-time regional KPI tracking on mobile devices. Automated the build and deployment process for iOS and Android, significantly reducing manual release time. Acted as a technical mentor for junior team members.

• **Tech Stack:** React, React Native, ChartJS, GitLab CI/CD, Jenkins, Linux VPS, Nginx.

Naver Cloud Meeting | *Software Engineer (Jun 2021 – Dec 2022)*

• **Challenge:** Develop a stable, multi-platform video conferencing solution with consistent user experience.

• **Action:** Engineered real-time video features for web (Vue.js), desktop (Electron), and mobile (React Native) using the Jitsi Meet core. Conducted R&D to implement custom media resolution adaptation algorithms. Built a native notification system for the Electron desktop app to overcome web API limitations.

• **Result:** Delivered a seamless cross-platform conferencing tool that maintained stable video quality. Improved user engagement with a reliable desktop notification system.

• **Tech Stack:** Vue.js, React Native, Electron.js, Jitsi Meet.

GoPass – Online Exam Platform | *Mobile Developer (Oct 2020 – Jun 2021)*

• **Challenge:** Create a stable, user-friendly exam application for the Japanese market with offline functionality.

• **Action:** Developed the mobile app using React Native and implemented an offline-first architecture using Realm DB for local data caching and synchronization.

• **Result:** Successfully launched the app, which handled complex exam flows smoothly. The offline capability ensured uninterrupted user experience, directly addressing client requirements.

• **Tech Stack:** React Native, Realm DB, PHP.

TITLES AND AWARDS

May 2023   Employee of the Year – Blameo Company

SKILLS

- **Engineering Leadership:** System Architecture, Team Mentoring, Technical Interviewing, Agile/Scrum, CI/CD Pipeline Design.
- **AI & Automation:** Agentic SDLC, LLM, Multi-agent Systems, Prompt Engineering, AI-Powered Development (Cursor, Copilot).
- **Fullstack Development:** TypeScript, Next.js, Node.js (NestJS/Express), React Native, Electron.js, Vue.js.
- **Infrastructure & DevOps:** Docker, Jenkins, GitLab CI/CD, Nginx, AWS, Linux/Ubuntu.