Trinh Xuan Tam

Experienced Software Engineer building large-scale, highly available services and data platforms. Experienced in end-to-end delivery (design, launch, ops/on-call), distributed systems, and production GenAI integrations (RAG/LLM).

Relevant Experience

Software Development Engineer · **Amazon** *June 2024 – Present*

- Development of a global, automated cross-border pricing system for third-party sellers on Amazon, processing billions of pricing updates per month across 15+ international marketplaces with above 99.9% seller margin protection efficiency
- End-to-end development and successful launch of Amazon's new marketplace in Ireland, which introduced over 200 million products to Irish customers; coordinated cross-functional teams to drive collaboration and technical readiness
- Participated in all phases of the software development lifecycle, including designing high-availability systems, and ensuring seamless deployment to production

Software Development Team Lead · **iterates** 🔗 *Oct 2023 – May 2024*

- Designing and building AI-powered software solutions reducing manual efforts and saving costs of small businesses
- In charge of both back-end and front-end development
- Collaborate closely with product and project managers to turn creative ideas into polished digital experiences, employing agile methodologies
- Backend development using Python, FastAPI, LangChain, vector databases, and OpenAI LLMs
- Frontend development using Vue, TypeScript, and Quasar

Javascript Full-Stack Developer · **DevCity** 🔗 *Jul 2021 – Jan 2024*

- Engaged in diverse internal and client projects, primarily functioning as a Full-Stack JavaScript Developer
- Participated in business discussions to shape product direction and ensure alignment with client goals
- Utilized a combination of front-end and back-end technologies, including Node.js, Express, NestJs, Vue, and React, to develop comprehensive and efficient applications

Lead Flutter App Developer · **Betrian** 🔗 *Jul 2021 – Mar 2023*

- Collaborated on development and design of safety systems for train drivers preventing railway incidents
- Built a GPS driven cross platform mobile app for train drivers using Flutter and NestJS
- Integration of Firebase cloud tools for authentication, analytics, storage and distribution to clients
- Automated E2E & Integration testing using Flutter Driver
- Led the mobile app development team through the whole SDLC, overseeing all stages of project development

Contact

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Spoken Languages

Czech: Native
Vietnamese: Native
English: Fluent
German: Professional working proficiency
French: Elementary proficiency

Skills

Core competencies: full-stack web development, mobile apps, high availability distributed services, DevOps

Cloud & Operations: AWS, Docker/Kubernetes, CI/CD, monitoring & alerting, on-call & incident response

Data & Applied AI: Business intelligence, ETL pipelines, RAG, LLM + MCP integrations

Collaboration: drove initiatives across 10+ teams, mentorship, system design, roadmap planning, resourcing & budgeting

Selected Projects

Vitamin AI 🔗
Built a GenAI workflow automation platform with document Q&A, meeting summaries, and content generation—integrating production LLMs (RAG) and MCP tools for business use cases.

Aviette IS 🔗
Built a custom information system for an education company covering student management, class scheduling/planning, HR, and finance/billing workflows.

Education

Czech Technical University in Prague
Sep 2021 — Jun 2023 | Prague, Czech Republic
Master's Degree in Software Engineering
Thesis: Information system for supporting admission process 🔗

KU Leuven
Feb 2023 — Mar 2023 | Leuven, Belgium
Exchange Programme in Soft Robotics

Czech Technical University in Prague
Sep 2018 — Jul 2021 | Prague, Czech Republic
Bachelor's Degree in Software Engineering
Thesis: Mobile application for tutoring Jaw harp 🔗