LAI MINH SANG

SOFTWARE DEVELOPER

Chuong My, Hanoi | +84-762-121-242 | sanglm2207@gmail.com

PROFILE SUMMARY

Highly motivated Full-Stack Developer with strong expertise in Java, Node.js, Spring Boot, TypeScript, and cloud-based technologies. Proven track record of developing scalable web applications, optimizing backend systems, and integrating third-party services. Experienced in designing RESTful APIs, database modeling, and DevOps practices using Docker, Jenkins, and AWS. Passionate about backend development and eager to expand knowledge in AI and cutting-edge technologies. Seeking growth opportunities in a professional, dynamic environment.

TECHNICAL SKILL

Backend	Java, Spring Boot, Node.js, TypeScript, Python, Odoo
Databases	MySQL, Oracle, MongoDB
Frontend / Mobile Development	JavaScript, React, Next.js, React Native, Expo
Cloud & DevOps	AWS EC2/S3/KMS/Cache/Queue, Docker, Nginx, Jenkins, PM2
API & Tools	REST, SOAP, OpenAI API, Git, SonarQ
Project Management	Jira, Agile, Scrum
Others	ElasticSearch, FCM, EdX Platform, Odoo
Testing Tools	Swagger, APIDog, JUnit, TestNG

WORK EXPERIENCE

Freelance Software Developer *(2022 - Present)*

- Integrated third-party services and enhanced backend performance in dynamic production environments.
- Collaborated directly with clients to define system specs and deploy scalable solutions.
- Developed a mobile app using React Native + Expo to manage personal finance, with push notification and image upload.
- Built features for a short-video app, including video feed rendering, like/comment system, and optimized video caching. Supported 1,000+ daily views and reduced loading time by 40%.

FUNiX Online Education .,JSC | Software Developer *(2022 - 2024)*

- Developed internal ERP modules and upgraded the UI for the online LMS platform.
- Built a student Q&A system to improve interaction and support.
- Actively participated in technical workshops and internal training.
- Supported timely deployment and maintenance for student-facing systems.

ITSOL Technology Resources & Solutions., JSC | Backend Developer (*2020 - 2022***)**
- Developed data ETL pipelines, BIRT reports, and SOAP/REST APIs.
- Improved product UI/UX and backend logic using ZK Framework, Struts, and Spring.
- Onsite collaboration with Viettel Cyber Security for secure system delivery.
- Built and tested backend services using JUnit and TestNG for robust coverage and automation

HIGHLIGHTED PROJECTS

Taskcover Enterprise Management System *(2023 – Present)*
An AI-powered task management platform for team collaboration.
- Reduced task processing time by 30% via optimization with MongoDB, Redis, and MinIO.
- Improved performance and stability for 1,000+ users using Docker, WebSocket, Jenkins.
- Achieved 99.9% uptime and enhanced team productivity by 50%.

🌐 https://app.taskcover.com, https://taskcover.com

Short Video Streaming Platform *(2024 – 2025)*
- Built REST APIs for video upload, playback, and user engagement (like, comment, follow).
- Integrated cloud storage (MinIO) and CDN for optimized streaming performance.
- Applied lazy-loading and pre-caching to improve playback speed on slow networks.
- Achieved 1,000+ DAU and average video load time <1.2s.

FUNiX Learning Management System *(2023 – 2024)*
- Designed and optimized backend APIs for better performance.
- Built PL/SQL procedures and scalable data models.
- Developed features including Assignment Review and mentor booking.
- Launched an updated UI improving engagement and user experience.

🌐 https://courses.funix.edu.vn

Lifetek Electronic Document Storage System *(2022 – 2023)*
- Designed cloud-based digital document handling for government clients.
- Enabled secure e-signature workflows, document destruction, and audit trails.
- Handled 1M+ documents/month, reducing error rate by 50%.
- Collaborated with BAs to define system specs and ensure scalability.

🌐 https://lifetek.funix.edu.vn

FUNiX Chat Discord GPT *(2023 – 2024)*
- Built an AI assistant integrated with OpenAI APIs for instant student support.
- Provided real-time Q&A and searchable chat history for learning reinforcement.

ACADEMIC BACKGROUND

Bachelor of Software Applications – Information Technology
FPT Polytechnic College Hanoi
Classification: Good

Graduated: 2020

CERTIFICATIONS & AWARDS
- Certificate of Completion – Java Essential Programming
- Certificate of Completion – Kanban Course

PORTFOLIO WEBSITE

Explore more of my work at:
🌐 https://www.kaidev99.com