

# LẠI MINH SÁNG

## Software Developer

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### PROFILE SUMMARY:

Passionate Software Developer experienced in building scalable backend systems and cloud-native applications. Skilled in Java, Nodejs, and Spring Boot with a strong foundation in system design, database optimization, and real-time processing. Focused on delivering clean, maintainable code and high-performance solutions that solve real-world problems. Seeking growth opportunities in a dynamic, international environment where I can apply my backend expertise and problem-solving mindset.

### ACADEMIC BACKGROUND:

2017 – 2020 | FPT Polytechnic College Hanoi

Bachelor of Software Applications – Information Technology

### WORK EXPERIENCE:

#### Freelance Software Developer

*Jan 2025 – Present*

- Developed backend and full-stack applications tailored to each client's specific requirements.
- Delivered projects using diverse technologies without being tied to a specific language or framework.
- Developed mobile applications with React Native/Expo and web applications with ReactJS/Next.js/Vue.js, in addition to backend and full-stack applications tailored to each client's specific requirements.
- Managed entire development lifecycle: requirement analysis, development, testing, and deployment.
- Worked directly with clients and led small teams to ensure project success.
- Deployed solutions using cloud and DevOps tools such as Docker, AWS, and CI/CD pipelines.

#### FUNiX Online Education., JSC

*Front-end Developer | 2022 – 2024*

- Developed and maintained ERP modules and LMS features.
- Built AI-integrated Q&A system to support student learning.
- Improved deployment pipeline and participated in technical training.
- Ensured consistent delivery of reliable features for thousands of users.

#### ITSOL Technology Resources & Solutions., JSC

*Backend Developer | 2020 – 2022*

- Built APIs, reports, and ETL pipelines for enterprise systems.
- Enhanced backend logic and improved system UI/UX.
- Collaborated with Viettel Cyber Security to deliver secure products.

### TECHNICAL SKILLS:


- Programming: Java, TypeScript, Node.js
- Mobile + Web App: React Native, ReactJS, Next.js, Vue.js
- Frameworks: Spring Boot, Hibernate, Expo
- Databases: Oracle, MySQL, MongoDB, Redis
- Messaging: Kafka, RabbitMQ, WebSocket
- DevOps: AWS, Docker, Jenkins, Nginx
- System Design: Microservices, Distributed Systems
- Tools: Git, APIDog, Swagger, Jira, Agile/Scrum

## HIGHLIGHTED PROJECTS:

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### **Taskcover – AI-powered Enterprise Management Platform**

**Backend Developer | May, 2023 – March, 2025**

 A real-time task and team management system designed to streamline agency workflows and improve productivity.

- Designed microservice architecture using Spring Boot, Redis, and MongoDB for real-time task collaboration.
- Integrated WebSocket and async processing to support 1000+ concurrent users.
- Reduced task processing time by 30% via optimized concurrency and data access.
- Achieved 99.9% system uptime through robust CI/CD pipelines and container orchestration.

 <https://app.taskcover.com> | <https://taskcover.com>

### **Lifetek – Electronic Document Storage for Government**

**Full-stack Developer | 2022 – 2023**

 A secure, cloud-based digital document management platform for government departments.

- Built a secure cloud-based system to manage over 1 million documents per month.
- Implemented digital signature workflows, document versioning, and auto-destruction rules.
- Applied sharding and indexing strategies to reduce query time by over 40%.
- Collaborated closely with BAs and clients for feature specs and system scaling.

 <https://lifetek.funix.edu.vn>

### **FUNiX LMS – Learning Management System**

**Full-stack Developer | 2023 – 2024**

 An internal e-learning platform serving thousands of students with mentor interaction features.

- Developed and optimized backend APIs and PL/SQL procedures to support 20K+ active learners.
- Built mentor booking, assignment review, and progress tracking features.
- Improved response time by 25% through query tuning and better data modeling.
- Led UI enhancement efforts, improving user engagement and satisfaction.

 <https://courses.funix.edu.vn>

### **Chat Discord GPT – AI Assistant for Education**

**Full-stack Developer | 2024**

 An AI-powered assistant on Discord that supports real-time Q&A for learners.

- Integrated OpenAI GPT APIs with Discord to build an AI assistant for instant student Q&A.
- Enabled real-time responses and searchable history for learning reinforcement.
- Reduced manual support load by 60% through automation.

 *Internal project (not publicly hosted)*

## CERTIFICATIONS & AWARDS:

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- Certificate of Completion – Java Essential Programming
- Certificate of Completion – Kanban Course

## PORTFOLIO WEBSITE:

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Explore more of my work at:

 [www.kaidev99.com](http://www.kaidev99.com)

