

Tran Hoang Thai

Java Software Engineer



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PROFESSIONAL SUMMARY

Java Software Engineer with nearly 4 years of experience developing and maintaining enterprise insurance systems using Java and Spring Boot. Experienced in backend development, performance optimization, production support, and international collaboration. Successfully supported a critical product go-live during a 3-month onsite assignment in Switzerland, working closely with customers and global engineering teams. Strong background in building scalable backend services, improving system performance, conducting code reviews, and delivering high-quality software following engineering best practices.

TECHNICAL SKILLS

Languages	Java	Messaging	RabbitMQ
Frameworks	Spring Boot, Spring Data JPA, Hibernate, QueryDSL, JavaFX, gRPC, RESTful APIs	Databases	SQL Server, MongoDB, PostgreSQL, H2
Testing	JUnit, Mockito	DevOps & Tools	Docker, Git, Liquibase
Engineering	Performance Optimization, Code Review, Debugging & Root Cause Analysis, Agile / Scrum		

PROFESSIONAL EXPERIENCE

Software Engineer

Jan 2025 – Present

ELCA Vietnam

Enterprise Insurance Management System

- Developed and maintained enterprise backend services using Java, Spring Boot, SQL Server, MongoDB, gRPC, and RabbitMQ.
- Implemented new business features for core insurance premium calculation and authentication modules.
- Performed code reviews to improve code quality, maintainability, and engineering standards.
- Investigated and resolved production issues by analyzing customer tickets, application logs, and business requirements.

- Collaborated directly with international colleagues to analyze complex production issues and deliver timely solutions.
- Selected for a **3-month onsite assignment in Switzerland** to support a critical product go-live.
- Acted as the communication bridge between the Switzerland engineering team and the Vietnam development team during production support.
- Participated in release support and post-production issue analysis to ensure system stability.
- Conducted technical knowledge-sharing sessions for teammates.

Key Achievement Trusted by the company to represent the Vietnam engineering team during an international product go-live in Switzerland.

Associate Software Engineer

Sep 2022 – Dec 2024

ELCA Vietnam

Enterprise Insurance Management System

- Developed new business features and maintained enterprise insurance applications using Java, Spring Boot, JavaFX, SQL Server, MongoDB, Liquibase, Docker, gRPC, and RabbitMQ.
- Implemented backend functionalities for insurance business processes.
- Diagnosed and fixed application defects while improving software reliability.
- Optimized complex database queries, reducing response time from approximately **3 minutes to 5–10 seconds**.
- Refactored UI components to improve responsiveness when processing large datasets.
- Developed and maintained unit tests using JUnit and Mockito.
- Collaborated with cross-functional teams to analyze system performance and implement technical improvements.

Key Achievement Improved critical query performance by more than **95%**, significantly enhancing application responsiveness.

EDUCATION

VNUHCM – University of Science

Bachelor of Science in Information Technology

Graduation 2024 · Coursework completed 2023

GPA **8.28 / 10**

LANGUAGES

English

TOEIC L&R	TOEIC S&W
775	265

Comfortable communicating with international colleagues in daily work and production support.