

HUY HOANG

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JAVA FULL STACK DEVELOPER

Java Full Stack Developer with 3+ years of experience building mission-critical web applications for financial services and manufacturing clients. Contributes across the full software development lifecycle (SDLC), from requirements analysis and technical specification through implementation, deployment, and post-release performance optimization. Delivers end-to-end features using Java (Spring Boot), Node.js, TypeScript, React, and Angular with Oracle, SQL Server, PostgreSQL, and MongoDB.

- Object-Oriented Programming • Microservices Architecture • Event-Driven Architecture
- Asynchronous Messaging • Relational Database Design • Query & Performance Optimization
- Caching Strategies • Cloud Computing • Containerization & Orchestration • CI/CD Automation
- Responsive UI Development • Requirements Analysis • AI-Assisted Development

Languages: Java, JavaScript, TypeScript

Web: React, Angular, HTML, CSS, Tailwind CSS, Bootstrap, jQuery, Ajax

Web Services: REST API, SOAP, GraphQL, API Gateway, WebSockets, JSON Web Token (JWT)

Web/App Servers: Apache Tomcat, Node.js

Frameworks: Spring Boot, Next.js, Angular

Databases: MS SQL, MySQL, PostgreSQL, Oracle

Design Patterns: Singleton, Builder, Factory Method, Annotation

SDLC: Agile, Waterfall, Scrum, Kanban

Tools: Maven, Docker, Claude Code, Jira, Kubernetes, GitHub, Kafka, ActiveMQ, IntelliJ, Visual Studio Code, Cursor

Platforms: Windows, macOS, Linux, AWS, Microsoft Azure

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

PROFESSIONAL EXPERIENCE

TECHVIFY, Da Nang, Viet Nam • 07/2025 – 12/2025

TECHVIFY Software is a Global AI-powered digital transformation and software engineering company delivering scalable, end-to-end custom software solutions across financial services, manufacturing, e-commerce, and healthcare.

Software Engineer

- Developed and maintained secure trading and account management applications for a leading Southeast Asian securities brokerage using Java Servlets, JSP, and Linux, supporting tens of thousands of daily transactions across a customer base of several hundred thousand accounts.
- Designed and optimized Oracle schemas, queries, and PL/SQL procedures across five core trading services holding hundreds of thousands of records, improving data integrity and reducing reconciliation errors.
- Implemented asynchronous messaging and event-driven workflows with ActiveMQ and Java, delivering trade confirmations to customers within 10 seconds across mobile, email, and SMS channels.
- Managed 9 on-call production deployments, system configuration, and log analysis in Linux environments, with no deployment-related production incidents.
- Applied AI-assisted development tools (Claude Code, Cursor, ChatGPT, Gemini) across daily engineering work and the pull request review workflow, using them to trace root causes from production logs and stack traces and to rapidly map undocumented legacy Servlet/JSP modules, reducing incident diagnosis time from hours to minutes.
- Collaborated with up to 10 engineers across Vietnam, Singapore, and India through 12 two-week Agile/Scrum sprints, supporting on-time releases and reducing post-deployment defects.

Technologies Used: Java, SQL, Oracle DB, Apache ActiveMQ, Linux, Java Servlets, JSP, Claude Code, Cursor.

FPT SOFTWARE, Da Nang, Viet Nam • 01/2023 – 07/2025

FPT Software is a Global technology and IT services provider delivering software development and digital transformation solutions across industries including automotive, banking, healthcare, logistics, and manufacturing.

Software Engineer

- Optimized database query execution and indexing for an enterprise Spring Boot application using SQL Server and MyBatis, cutting search response time by 66%, from 15 seconds to 5 seconds.

- Designed and built scalable RESTful services for inventory and supply chain systems serving major international manufacturers using Java, Spring Boot, and MyBatis, delivering highly available APIs and seamless cross-system data integration.
- Delivered full-stack features and performance enhancements for core web applications using Angular, Spring Boot, and PostgreSQL, increasing backend throughput and accelerating feature delivery.
- Constructed high-performance microservices for distributed system architectures using Express.js, TypeScript, Redis, and MongoDB, reducing database load through caching and enabling scalable data handling.
- Built responsive, high-fidelity user interfaces for client-facing applications using React, Next.js, Material UI, Tailwind CSS, and Vite, resulting in standardized component design and improved accessibility.
- Developed core booking and notification functionality for a car rental platform using Java, Spring Framework, Servlets, and JSP, resulting in an automated email notification system that removed manual customer follow-up.
- Integrated real-time vehicle tracking for the rental platform using the Google Geolocation API, resulting in live trip visibility for both operators and end users.
- Containerized and deployed enterprise applications using Docker, AWS, AKS, and Azure DevOps CI/CD, enabling reliable two-week production releases and improving deployment efficiency and system stability.
- Integrated Cloudinary media management services for scalable asset processing using Docker on AWS, automating cloud deployments and eliminating manual asset handling.
- Led code reviews and translated client requirements into technical specifications across four enterprise projects, guiding Agile/Scrum teams of up to 20 members and minimizing rework.

Technologies Used: Java, Java Servlets, JSP, Spring Boot, Spring Framework, React, Angular, SQL Server, AWS, Docker, JavaScript, TypeScript, jQuery, Express.js.

ACADEMIC PROJECTS

Maharishi International University (2026)

KimFlights: Developed a full-stack flight booking platform using Java, Spring Boot, React, TypeScript, and PostgreSQL, structured as a Spring Modulith modular monolith with 35+ REST endpoints, JWT/RBAC security, seat selection, and payment processing. Containerized with Docker and deployed to AWS ECS Fargate using GitHub Actions, Amazon ECR, and RDS, with SonarQube code quality gates and Snyk dependency vulnerability scanning enforced in the CI pipeline, as part of a 4-person Agile team – [Frontend](#), [Backend](#)

PERSONAL PROJECTS

EVN CPC Corporate Portal & CMS (2025): Designed and developed a 3-service corporate platform with a public SSR portal, admin CMS, and REST API. Implemented JWT/RBAC authentication, drag-and-drop page building, content and media management with Cloudflare R2, Redis caching and rate limiting, and Dockerized deployment with automated Prisma migrations. This project was bought by EVN Central Power Corporation.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 10/2028)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Applications, Software Architecture, Software Engineering, Algorithms

Bachelor in Software Engineering

FPT University, Da Nang, Viet Nam (05/2024)

CERTIFICATIONS

[Udacity Java Web Developer](#) (10/2024)

[Google Project Management](#) (11/2023)