HOANG VAN SANG

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ABOUT ME

I am a Senior Full-Stack Developer with 6+ years of experience building scalable web applications using Java Spring Boot, NodeJS, PostgreSQL, and frontend frameworks such as ReactJS and NextJS. I excel in designing microservices, securing APIs, and optimizing backend and frontend performance.

EDUCATION

Ho Chi Minh City University of Industry | 09/2015 - 06/2019
Bachelor of Information Technology
GPA: 3.0/4

SKILL HIGHLIGHTS

- Backend: Java, Spring Boot, Spring Security, Node.js
- Frontend: ReactJS, NextJS, HTML/CSS, TypeScript
- Database: MySQL, PostgreSQL
- DevOps: Docker, Git, CI/CD pipelines
- Other: Microservices architecture, RESTful APIs, Agile development

WORK EXPERIENCE

Transcosmos Technology Vietnam | 08/2022 - 11/2025

Senior Developer
Responsibilities:
- Developed and maintained web applications using Java, Spring Boot, and Hibernate.
- Handle assigned tasks to ensure progress and participate in Agile methodologies, daily meetings and sprint planning sessions.
- Implemented RESTful APIs and integrated third-party services utilizing PostgreSQL for relational data ensuring efficient data handling and storage.
- Optimized system performance using Redis caching, asynchronous processing, and load balancing to handle high traffic and data volumes.
- Ensured code quality with JUnit, Mockito for unit/integration testing, integrated into CI/CD pipelines with Jenkins.
- Lead code reviews and mentor junior developers, making architectural decisions or providing technical direction for the team.
- Build an API Gateway architecture that integrates with Kafka to optimize service management, improve system performance, and ensure high availability.
Team Size: 6 members
Tech Stack: Java, Spring Boot, Spring Security, Hibernate, Kafka, PostgreSQL, ReactJS, Docker

Viet Tinh Anh Company | 05/2020 - 08/2022

Software Developer
Responsibilities:
- Built a scalable e-commerce platform using Spring Boot microservices, optimizing user authentication, product catalog, payment systems, and inventory management.
- Enhanced product search by integrating Elasticsearch, significantly improving response times and product discoverability.
- Implemented a responsive ReactJS frontend with RESTful API integration, enabling real-time interactions and a seamless user experience.
- Performed integration testing and resolved bugs in staging, ensuring system stability and reliability.
- Integrated Viettel Post and GrabExpress APIs, automating logistics and improving order fulfillment.
Team Size: 8 members
Tech Stack: Java, Spring Boot, Spring Security, ReactJS, MySQL, Elasticsearch, Docker

Viet Vui Travel Company | 06/2019 - 05/2020

Software Developer
Responsibilities:
- Maintenance and develop of the company's website system.
- Developed new features under the guidance of the team leader, aligning with project goals and deadlines.
- Modify the user interface based on the design team's mockups.
- Implemented a Customer Reviews feature, allowing authenticated users to rate and review tours, with moderation and reporting tools available for administrators.
- Integrated Google Maps and a weather API to enhance the overall user experience.
Team Size: 5 members
Tech Stack: ReactJS, Redux, NodeJS, ExpressJS, MySQL

PERSONAL PROJECTS

- **Online Travel Agent** – Tech Stack: NextJS, Spring Boot, SocketIO, PostgreSQL
- **Insurance Management System** – Tech Stack: ReactJS, Spring Boot, PostgreSQL
- **Online Retail Platform** – Tech Stack: NextJS, MobX, NodeJS, ExpressJS, MySQL
- **Personal Tech Blog** – Tech Stack: NextJS, Spring Boot, MySQL