

Tan Nguyen Duy

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Experienced Senior Software Developer with a track record of delivering innovative solutions and driving positive results. Skilled in collaborating with teams to develop high-quality software solutions that address business needs. Seeking a role that challenges critical thinking, problem-solving, and leadership skills while enhancing current skill sets.

WORK EXPERIENCE

Software Engineer

Feb 2023 - Present

Bosch Global Software Technologies

Tan Binh

Project name: OneDriving Portal

- **Project Description:** Managed hardware development project milestones, monitoring, analysis, and reporting on a web platform portal that help Bosch's Managers team increase project efficiency and traceability.

- Responsibilities:

- Designed and implemented the RESTful API as Software Requirement and integrate with Frontend.
- Supported deployment on Test and Production servers using Apache Tomcat.
- Integrated with PowerBI to visualize data, implemented Jira API to manage tickets directly in portal.
- Implemented Unit Tests and Integration Tests using JUnit and Mockito with high coverage.
- Ensured high code quality by maintaining a code smell rate below 5% as measured by SonarQube.
- Created templates for reading large data from an Excel file and synchronizing with the database.

- **Technical stack:** Java, Spring Boot, Spring Security, Spring JPA, Hibernate, JUnit, Mockito, SonarQube, MS SQL Server, Apache Tomcat, Angular.

Project name: EET Portal

- **Project Description:** EET Portal is a comprehensive web platform for managing Department EET with features: resource management, project status, skill cluster, travel plan.

- Responsibilities:

- Developed a web platform for users and skills, employing Java Spring Boot for the core application framework in Backend and integrated with Angular framework in Frontend.
- Upgraded system from Java 11 to Java 17, Spring Boot 2 to Spring Boot 3, and Spring Security 5 to Spring Security 6, resulting in improved performance and efficiency.
- Integrated Single Sign On system with Azure Active Directory, resulting increase in user login efficiency
- Implemented database schema changes using Liquibase for PostgreSQL database resulting improvement in query performance.
- Customized Jenkins pipelines to automate the build, test, and deployment processes, significantly reducing the time to market for new features.
- Enhanced UI/UX in the web platform increase in user engagement.

- **Technical stack:** Java, Spring Boot, Spring Security, Spring JPA, Hibernate, JUnit, Jenkins, PostgreSQL, Liquibase, SonarQube, Docker.

Software Engineer

Oct 2020 - Jan 2023

INFORMATION TECHNOLOGY SERVICES JAPAN GROUP

Thu Duc City

Project name: Softbank Payment Service (SBPS)

- **Project Description:** SBPS is a payment service web platform, included features such as Request management, Order management, and Sales Portal.

- Responsibilities:

- Implemented and updated Business Logic for Customer Request using Java Spring Boot framework, increase in processing efficiency.
- Modified HTML, SCSS, and TypeScript for over 200 screens resulting in improved user experience and faster loading times.
- Worked on processing YML, XML, and XLSL files to improve data accuracy and efficiency.
- Familiar with Japanese workflow and process.
- Developed a template for over 10 Business Logic components using the Abstraction principle of OOP, resulting in improved efficiency and faster implementation for other developers.
- Mentored 4 Interns to pass probation period within 5 months.
- Handle Unit Test with JUnit in project, achieving over 80% coverage.

- **Technical stack:** Java, Spring Boot, Hibernate, JUnit, Flyway, Angular, HTML, SCSS,

EDUCATION

Engineer's degree Information Technology

Aug 2017 - Dec 2021

Post and Telecommunication Institute of Technology

SKILLS

Backend: Java, Spring Boot, Spring MVC, Python, NodeJS, Design Patterns

Database: PostgreSQL, MySQL, MSSQL, Oracle

DevOps: Jenkins, Docker

Frontend: Angular, ReactJS, JavaScript, HTML5, CSS, jQuery, AJAX

LANGUAGES

AWARDS

Rockie Award 2022 by INFORMATION TECHNOLOGY SERVICES JAPAN GROUP

Oct 2022