

Hadid Hardiansyah Saputra

Software Engineer

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SUMMARY

Software engineer with 2+ years of experience specializing in frontend development (Angular TS, React JS, Tailwind CSS) and proficient in backend technologies (Java Spring Boot) and database management (PostgreSQL, MySQL). Experienced in full-stack development using React TypeScript and Spring Boot/Spring MVC with Bootstrap. Skilled in iOS app development with Swift and SwiftUI. Delivered 'Kopra By Mandiri' to production for the Value Chain channel.

Proficient in unit testing Angular applications using Jasmine and experienced in performance testing using VuGen and LoadRunner. Familiar with Postman, Jira, Confluence, Git, Bitbucket, SonarQube, and CI/CD pipelines.

EXPERIENCE

PT Bank Mandiri Tbk – Jakarta, Indonesia

Software Engineer - Frontend Angular Developer (February 2024 – December 2024)

- Contributed to the development of Kopra By Mandiri, a microfrontend-based platform, focusing on the Value Chain channel using Angular TypeScript, Tailwind CSS, and internal libraries.
- Developed features for Account Payable and Account Receivable, including critical transactional features such as Invoice Submission (manual input and file upload) and Payment Instruction.
- Led the development of the Supplier Onboarding feature, streamlining the process for suppliers to register and interact with the platform.
- Worked on other functionalities including Reporting, ensuring a seamless user experience and efficient data presentation.
- Worked with the UI/UX and AD teams to implement UI elements by slicing designs from Figma into functional components.
- Collaborated closely with the Backend team to integrate RESTful APIs with the frontend, following Confluence documentation to ensure smooth and accurate API integration.
- Partnered with both QA and PO teams to identify, prioritize, and resolve functional and UI issues, ensuring that features were delivered on time and met business requirements.
- Created unit tests for Angular applications using Jasmine, ensuring code quality and stability.
- Participated in code reviews, submitting pull requests via Bitbucket and reviewing teammates' pull requests before merging into the main branch.
- Applied clean code practices, optimized application performance, and leveraged SonarQube to maintain code quality standards.
- Optimized UI components to ensure modularity, reusability, and ease of maintenance for future development.
- Contributed to the deployment process for UAT, BETA, and Production, resolving bugs and implementing feature updates and improvements.
- Ensured the application met performance standards and business requirements through continuous refinement and collaboration.
- Angular version migration from version 16 to version 18

PT Bank Mandiri Tbk – Jakarta, Indonesia

Performance Test Engineer (January 2023 - December 2023)

- Conducted performance testing on web applications for Mandiri Cash Management (MCM), including testing scenarios defined by the PO team.
- Tested various MCM platforms, including MCM KLN Hongkong, MCM Kopra Cash, and MCM BI FAST.
- Collaborated with the Integrator team to ensure that the testing scenarios were integrated correctly with the applications and aligned with technical specifications.
- Developed detailed testing reports that met all prerequisites and were shared with the Project team and Managers for review and feedback.
- Presented test results and findings to the project team and management, offering insights and recommendations for improvement.
- Created documentation for migration requirements, supporting successful migration planning and execution.
- Utilized VuGen and LoadRunner for performance testing to assess the scalability, stability, and response time of web applications.
- Contributed to identifying bottlenecks and optimizing the performance of applications based on test findings.

Enigma Camp – Jakarta, Indonesia
Bootcamp Trainee (October 2022 - January 2023)

- Completed an intensive Fullstack Developer Bootcamp, gaining hands-on experience with Java Spring Boot, React JS, and PostgreSQL.
- Built full-stack web applications, integrating React JS for the frontend with Java Spring Boot for the backend, and utilizing PostgreSQL for database management.
- Developed RESTful APIs using Java Spring Boot to support web application functionality.
- Gained experience in database design and management, including writing SQL queries and optimizing data access with PostgreSQL.
- Collaborated with peers in pair programming sessions to enhance problem-solving skills and improve code quality.
- Worked on individual and group projects to apply learning in real-world scenarios, including deploying applications and conducting testing.

EDUCATION

UNIVERSITAS MERCUBUANA (2018 - 2022)
Bachelor of Informatics Engineering - GPA 3.66

SKILLS

Technical Skills

- Frontend Development
 - TypeScript, JavaScript, Angular 16+, React JS, Tailwind CSS, Bootstrap
 - HTML5, CSS3
 - UI/UX Design: Figma integration, responsive design
- Backend Development
 - Java 17+, Spring Boot, Spring MVC
 - RESTful API Development
 - Database: PostgreSQL, MySQL
 - Authentication: JWT implementation
- iOS Development
 - Swift, SwiftUI
 - MVVM Architecture, App Storage, Core Data
- Testing & Performance
 - Unit Testing: Jasmine
 - Performance Testing: VuGen, LoadRunner
 - API Testing: Postman
 - Code Quality: SonarQube
- Version Control & CI/CD
 - Git, Bitbucket, Jenkins
- Project Management & Collaboration
 - Jira, Confluence

Soft Skills

- Collaboration: Worked closely with cross-functional teams including Product Owners (PO), QA, Backend Developers, and Integrators to ensure smooth development and timely delivery of features.
- Problem Solving: Strong ability to diagnose and resolve issues quickly, focusing on writing clean and efficient code.
- Adaptability: Able to quickly learn and adapt to new technologies, frameworks, and tools, as demonstrated by working with various tech stacks like Angular, React, SwiftUI, Spring Boot, and PostgreSQL.
- Communication: Able to explain complex technical issues to non-technical stakeholders and collaborate effectively within a team to deliver high-quality software.
- Time Management: Successfully managed multiple tasks in an Agile environment, delivering projects within deadlines while maintaining high standards of code quality.
- Attention to Detail: Ensuring every component of the application is modular, reusable, and optimized for performance and scalability.
- Continuous Learning: Passionate about staying up-to-date with the latest industry trends, technologies, and best practices to improve software development processes.

PROJECTS

- Web Frontend Projects
 - Personal Portfolio Web
 - Technology: Angular TypeScript
 - Developed a personal portfolio website showcasing skills, projects, and professional experience using Angular TypeScript.
 - Implemented responsive design and optimized for user experience.
- Backend Projects
 - Course Management API
 - Technology: Java, Spring Boot, PostgreSQL
 - Built a RESTful API for managing courses with features to Create, Get, and Delete courses.
 - Used PostgreSQL for data storage and JWT for authentication.
 - E-Procurement API
 - Technology: Java, Spring Boot, PostgreSQL
 - Developed an API for managing products, vendors, and transactions in an e-procurement system.
 - Implemented JWT authentication for secure access.
- Fullstack Projects
 - Bulletin Board Spring MVC
 - Technology: Spring MVC, myBatis, jQuery, Bootstrap, PostgreSQL
 - Developed both backend and frontend for a bulletin board application.
 - Used Spring MVC for backend development and jQuery for dynamic frontend behavior.
 - Configured PostgreSQL for data storage, including creating database tables and providing SQL scripts for deployment.
 - Food Stall Website
 - Technology: React TypeScript, Java, Spring Boot, MySQL
 - Built both frontend UI using React TypeScript and backend API for managing food items in a stall, including the ability to Create, Get, and Delete food, restaurant, etc.
 - Used Spring Boot for the API and MySQL for database management.
 - Decision Support System
 - Technology: HTML, CSS, JavaScript, Semantic UI, PHP, MySQL
 - Developed a decision support system to assist in evaluating the best employee within a company.
 - Used PHP for the backend logic, MySQL for data storage, and Semantic UI for the frontend interface.
- iOS Projects
 - Crypto Tracker
 - Technology: SwiftUI
 - Developed an iOS app for tracking cryptocurrency prices using data from the CoinGecko API.
 - Displayed real-time data with the ability to search and monitor multiple cryptocurrencies.
 - Maps App
 - Technology: SwiftUI
 - Built a location-based Maps application using MVVM structure, providing a seamless experience for users to explore maps and nearby locations.
 - Todo List App
 - Technology: SwiftUI
 - Developed a Todo List application that uses App Storage and follows MVVM architecture for managing tasks and maintaining state.

CERTIFICATIONS

- Fullstack Developer - Enigma Camp - January 2023
- Belajar Dasar Pemrograman JavaScript - Dicoding - September 2022
- Memulai Pemrograman Dengan Swift - Dicoding - August 2022
- Belajar Dasar Pemrograman Web - Dicoding - June 2022