

Bangun Edmasaputra

Senior Java Backend Engineer | Spring Boot | Microservices

Experienced and reliable software engineer with over 5 years of hands-on experience designing, building, and maintaining scalable backend services in Java. Proficient in Spring Boot (reactive and imperative) with a strong foundation in microservices architecture and some DevOps practices. Proven ability to lead small teams, mentor junior developers, and improve legacy systems with clean, testable code. Driven by innovation and continuous improvement, I deliver reliable production-grade systems.

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PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER

Blibli.com - Bandung, Indonesia | November 2022 – Present

- Conduct a technical assessment of the features to be implemented in existing applications, focusing on the technical aspects. Considering the current design, what best practices can be applied, and how much time is needed to implement these features
- Improve, refactor, or add some innovation to the current managed application or services, using Spring Framework / Spring Boot, in a reactive or imperative Paradigm.
- Review any submitted Pull-Request by other teammates before deploying to the development/production server.
- Maintain and support the production running services, if required, especially if any issue/problem arises.
- Research and propose innovations that might be implemented in the daily activity every 6 months, and present them to teammates and team leads for feedback and feasibility assessment.

JAVA DEVELOPER II

Xtremax - Bandung, Indonesia | November 2021 – October 2022

- Involved in Project development and maintenance
- Led a team and became a mentor to the 2 junior teammates. Shared knowledge, tips, and tricks about programming, especially on how to build and develop the service efficiently
- Assess the performance of the junior member, and report the result to the manager to decide on any salary increment or promotion for them

JAVA DEVELOPER

Xtremax - Bandung, Indonesia | November 2019 – October 2021

- Manage, maintain, and develop software for clients.
- Designed and evaluated features or services to be developed, and discussed the proposal with the leader or other teammates to find the best solution
- Responsible for building and managing Authentication and Authorization services in our microservices framework.
- Performing reviews for the submitted Pull Request in our code repository

SOFTWARE DEVELOPER

Bankaltimtara - Samarinda, Indonesia | January 2019 – October 2019

- Maintain and develop the in-house software for the company.

KEY PROJECTS

Autonomous Notification System for B2B Affiliate Partner – Blibli.com

Tech Stack: Java, Spring Boot (Reactive), MongoDB, GCP, Kafka, Docker

Designed and implemented an automated notification service to deliver financial reports to the B2B Affiliate clients based on configurable recipients, schedules, and data ranges.

Result: Reduced manual effort in finance reporting and improved delivery accuracy and timeliness.

Spring Boot Legacy Upgrade – Blibli.com

Tech Stack: Java, Spring Boot

Refactored and migrated legacy services to the latest Spring Boot version. Upgraded deprecated libraries and resolved compatibility and security issues.

Result: Improved maintainability, ensured alignment with company standards, and enhanced security compliance.

Authentication & Authorization Services – Xtremax

Tech Stack: Java, Keycloak, Spring Boot, Oracle DB

Managed and developed core services for authentication (Custom Keycloak) and role-based authorization (Spring Boot) within a microservices architecture.

Result: Enhanced system security to integrate and comply with the Government regulation. Simplified access control for developers.

IT Requisition System – Xtremax

Tech Stack: Java, Spring Boot, Oracle DB, JUnit

Development of an internal IT request system (similar to a mini Jira) that tracked infrastructure and software changes across departments. Implemented approval workflows, auditing features, and logging.

Result: Improved traceability for compliance.

ATM Reporting System – Bankaltimtara

Tech Stack: Php, MySQL, Bootstrap, Javascript, HTML

Developed a standalone service to collect, process, and report ATM transactions from all branches.

Result: Improved data consistency across branches and enabled better assessment of ATM performance and placement.

EDUCATION

BACHELOR OF COMPUTER SCIENCE

Universitas Mulawarman, Samarinda, Indonesia | Graduated: March 2012

TECHNICAL SKILLS

Programming Languages	: Java
Frameworks and Libraries	: Spring Boot, Spring Reactor, JUnit
Databases	: MongoDB, OracleDB
Cloud & DevOps	: Google Cloud Platform (GCP), Kubernetes, Docker, Git, Github
Messaging & Event Streaming	: Apache Kafka, RabbitMQ
Development Practices	: Agile (Scrum), CI/CD, Code Review, Git Flow
Tooling & Utilities	: Postman, IntelliJ, Maven, Gradle, Cursor with AI

PROFESSIONAL DEVELOPMENT

ORACLE CERTIFIED ASSOCIATE, JAVA SE 8 PROGRAMMER

Issued by Oracle - September 2018

Credential: [Credly Badge](#)