

Mhd Rizaldy Andrian Rambe

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Professional Summary

Software Development Engineer / Backend Engineer with 3+ years of experience building scalable backend systems using Java and Spring Boot. Experienced in microservices, RESTful APIs, event-driven systems, and cloud-native development on GCP within high-traffic e-commerce environments.

Education

Universitas Gadjah Mada - Yogyakarta, Indonesia

Bachelor of Engineering, Information Engineering

GPA: 3.52/4.00

August 2018 - August 2022

Professional Experience

Software Development Engineer

PT. Global Digital Niaga (Blibli.com) - Jakarta, Indonesia

July 2022 - Present

- Developed and maintained scalable backend systems using Java, Spring Boot, WebFlux, Kafka, PostgreSQL, MongoDB, and Elasticsearch, handling high-traffic e-commerce operations
- Researched and implemented a JSONB-based filter system for product reviews, enabling fast and flexible filtering by variants and topics on the product detail page, improving user search experience
- Migrated a legacy monolithic Spring and AngularJS internal application to a modern Spring Boot and Vue.js architecture, including complete API redesign and internal authentication flows, reducing maintenance overhead
- Introduced circuit breakers to critical APIs in the product review service, significantly improving system resilience and reducing failure impact during traffic spikes
- Led the migration of review images from Google Filestore to Google Cloud Storage without downtime using NGINX redirection and fallback strategies, resulting in measurable reduction in storage costs
- Optimized main API response times by identifying and eliminating unnecessary API calls and collaborating with cross-functional teams on service-level agreements

Skills

Programming Languages: Java, JavaScript

Frameworks & Libraries: Spring Boot, Spring WebFlux, Vue.js

Databases: PostgreSQL, MongoDB, Elasticsearch

Tools & Technologies: Apache Kafka, Google Cloud Platform (GCP), Google Cloud Storage, NGINX, Docker, Kubernetes (GKE), Git

Monitoring & Observability: New Relic, Grafana, Datadog, Kibana, Prometheus

Methodologies: Microservices Architecture, RESTful API Design, Event-Driven Architecture, Agile Development

Certifications & Achievements

- 2nd Place GEMASTIK 12 National Software Development Competition (2019)