M Rizky Widyayulianto

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SUMMARY

Highly skilled Software Engineer with over 5 years of experience specializing in scalable backend development and microservice architectures. Proven track record of improving system performance and reducing costs, including a 70% reduction in app loading time and a 10% decrease in system costs by optimizing log storage. Experienced in leading cross-functional teams to design, develop, and deploy high-impact solutions, with a strong focus on reliability and Test-Driven Development (TDD).

SKILLS

Programming Languages: Golang, Python, Typescript, Javascript, Node.JS, Java, C++
Databases: MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch
Architecture & Practices: CI/CD, Microservices, Monolith, Unit Testing, REST APIs, Test-Driven Development
Cloud & Devops: AWS, Docker, Git
Messaging & Streaming: Kafka
Monitoring & Observability: DataDog, New Relic, Scalyr, Grafana

EXPERIENCE

Software Engineer Jun. 2024 - Present
Kredivo | Jakarta, Indonesia

- Developed features in a microservice architecture to integrate with various financial institutions, including banks, ensuring seamless and secure transactions.
- Reduced operational business process time by 70% by designed and implemented integrations with Oracle NetSuite.
- Designed and implemented a backend system to support business operations in a new country, ensuring scalability and compliance.
- Improved inter-service communication and optimized database interactions, reducing latency and enhancing system stability.

Software Development Engineer 1 Jun. 2021 - Mar. 2024
Ula | Jakarta, Indonesia

- Improved administrative workflows and overall app performance by optimizing database queries, cutting loading times by 90%.
- Enhanced user experience by reducing app loading time by 70% through efficient caching mechanisms.
- Reduced system costs by 10% by optimizing log generation and storage.
- Designed and implemented a microservice using a Test-Driven Development (TDD) approach for an application serving 150,000 monthly active users.
- Strengthened system reliability and scalability by implementing automated testing and performance monitoring.

Backend Engineer Nov. 2020 - Apr. 2021
Livein.id | Jakarta, Indonesia

- Designed and developed a village tourism app from scratch within one month, implementing key features such as user authentication, package tour reservations, and payment processing.
- Collaborated closely with stakeholders, including the CEO and potential users, to gather requirements and ensure alignment with business needs.
- Delivered a scalable and user-friendly platform, optimizing booking workflows and ensuring secure payment transactions.

Software Engineer Intern Jan. 2020 - Apr. 2020

Tokopedia | Jakarta, Indonesia

- Utilized agile development methodologies and collaborated with cross-functional teams.
- Developed and maintained unit and integration tests to ensure the reliability and stability of the platform.

CERTIFICATION

Google Cybersecurity | Coursera Oct. 2023

EF SET English Certificate 80/100 (C2 Proficient) | EF Standard English Test May. 2023

EDUCATION

Pertamina University | Bachelor's Degree in Computer Science & System Aug. 2016 - Nov. 2020

- GPA: 3.55/4.0
- *Relevant Coursework : Website development, API Development, Data Structure & Algorithm, Database, Network, Machine Learning, Business Intelligence, Product Management and Entrepreneurship.*