RD. M. RAHADI SAMPURNA

BACKEND ENGINEER

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WORK PORTFOLIO:

PROFESSIONAL SUMMARY

Backend Engineer with over 10 years of experience in the IT industry, specializing in system integration, microservices architecture, and API development. Proficient in Golang, Java, Python, and AI-powered backend solutions. Demonstrated success in leading backend teams, improving transaction stability for digital payment platforms, and delivering scalable backend services for enterprise and government projects. Adept at problem-solving, technical leadership, and collaboration to ensure high-performance and reliable backend systems.

WORK EXPERIENCE

Telkom Indonesia • Bandung, West Java • 2024 – Present
Digital Service Digitization Tribe • Backend Developer

FABD is an internal product of Telkom that manages fulfillment, assurance, billing, and digitization for all digital products sold by Telkom across Indonesia. At the beginning of this project, I joined the Product and Fulfillment squad as a supporting developer. After three months, I was entrusted with full responsibility for managing the Order Service. My role in the Order squad was to deliver all backend requirements related to order features. The Order Service consisted of three main components: order management, billing, and invoicing. As the only backend engineer in the squad, I was responsible for overseeing the entire infrastructure and ensuring service reliability. During this project, I deepened my expertise in Golang and enhanced my project management skills.

Telkom Indonesia • Bandung, West Java • April 2022 - Februari 2024
Indibiz Pay• Backend Developer • Technical Lead

Indibiz Pay is a digital payment application that uses QR-based payment as its main feature, along with PPOB services. The application is available on both iOS and Android, while merchants can access a dashboard to monitor their payment activities. In this project, I served as both Backend Engineer and Technical Lead, responsible for ensuring all development requirements were met and aligned with business needs. I managed and maintained 14 backend services, each supporting different application features. I also frequently collaborated with Product Owners and infrastructure teams in technical discussions, while directly contributing as a backend engineer to build and improve application functions. Through this project, I gained deeper expertise in microservices architecture, event-driven design, queue management tools, and creating a robust ecosystem capable of handling high traffic and low-latency performance.

Telkom Indonesia • Bandung, West Java • April 2018 - April 2022
Q Ren• Backend Developer • Technical Lead

Qren is a nationwide QR-based payment application that enables seamless digital transactions. As a Backend Developer and Technical Lead, I was responsible for designing and maintaining scalable backend services to support payment processing and related features. My role focused on building microservices, improving API performance, and ensuring system reliability to handle high transaction volumes across Indonesia. During the Qren project, I deepened my technical expertise in Java, JavaScript, MongoDB, Kafka, Redis, agile, scrum, microservices, Docker, Jenkins, AWS S3, notification systems, authentication, security, VAPT, and monitoring tools, including APM and Datadog, as well as RDBMS. Additionally, I refined my soft skills, including communication, time management, team collaboration, and leadership.

Telkom Indonesia • Bandung, West Java • Oktober 2019 - Agustus 2021
Umeetme.id• Backend Developer • Maintener

I contributed to building and maintaining backend services for Umeetme.id, an online communication platform with integrated payment features. At the beginning of this project, I was assigned as a maintainer, but due to the urgent need to complete the application during the 2020 pandemic, I also served as the sole Backend Developer and maintainer. My responsibilities included setting up the backend codebase, preparing repositories and services, and developing features required for integration with the frontend. Through this project, I enhanced my skills in JavaScript and MongoDB, while also gaining new knowledge in building applications based on WebRTC technology.

Telkom Indonesia • Bandung, West Java • April 2019 - Juli 2020
DTP-Visit and Knowledge Repository • Lead Backend Engineer • Maintainer

DTP Visit is an internal Telkom application used to manage external visits to the company, such as digital industry introductions for students and university groups, as well as institutional study visits. Meanwhile, Knowledge Repository is a document management application for storing and organizing company resources. In these projects, I served as a code reviewer, ensuring code quality before deployment to the main repository. Through these experiences, I strengthened my understanding of ES6, clean code practices, Jenkins, and leadership.

Telkom Indonesia • Bandung, West Java • Oktober 2018 - Maret 2019
Smart City Nusantara • Facilitator Initiative Backend Service

In this project, I was responsible for developing the backend to support Telkom Indonesia's digital service transformation initiatives. My role included preparing all backend requirements, such as setting up repositories, backend services, and codebases for the development team. I designed and implemented scalable backend solutions that enhanced system performance and reduced API response latency through optimized request handling and database queries. Additionally, I collaborated closely with product and frontend teams to ensure smooth integration across digital services. Throughout this experience, I strengthened my technical expertise in ES6, clean code practices, Jenkins, and effective communication.

Padepokan Tujuh Sembilan • Bandung, West Java • Maret 2017 - Februari 2018
Backend Developer

Padepokan 79 was my first experience working as a full-time developer, where I served as a Backend Developer. I worked on several projects, including SIM-Gaji, H-RIS, and the Extra Module.

- SIM-Gaji: Developed and maintained a payroll system backend to support accurate and efficient salary processing.
- H-RIS: Built and optimized a Human Resource Information System (HRIS) backend to streamline employee data management.
- Extra Module: Designed and delivered modular backend components to enhance system functionality and scalability.

During this period, I gained proficiency in Java programming and database implementation using MySQL. I also learned about REST API development and monolithic framework architecture.

SMK Bintang Harapan • Cimahi, West Java • Juni 2014 - Juni 2016
Software Engineering Teacher

Taught fundamentals of software engineering and mentored students in technology projects.

EDUCATION

Universitas Nasional Pasim, Bandung

Bachelor of Computer Science (2012-2017)

CERTIFICATIONS

- **From Fundamentals to Advanced AI Engineering – Fine-Tuning, RAG, AI Agents, Vector Databases & Real-World Projects** • Udemy • June 2025
- **Go Programming: From Beginner to Advanced** • Udemy • June 2025
- **Database Elasticsearch: Newbie to Advanced** • Udemy • April 2025
- **Software Quality Assurance** • Arutala Lab • January 2023
- **Professional Scrum Developer I** • Scrum.org • November 2020
- **AWS Technical Essentials and Developing** • Trainocate Indonesia • July 2020
- **Curriculum 2013** • ICT Center for Education, Ministry of National Education and Culture, Indonesia • September 2014
- **Grafika Fundamental** • Ministry of Communication and Information Technology of the Republic of Indonesia • August 2014

SKILLS

TECHNICAL SKILLS

- **Programming Languages:** Golang, Java, Python, JavaScript, PHP
- **Backend Development:** RESTful API design, microservices architecture, monolithic frameworks, event-driven systems
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch
- **DevOps & Tools:** Docker, Kubernetes, Jenkins, Git, CI/CD pipelines, AWS S3, Kafka, Queue management tools
- **System & Performance:** System integration, backend optimization, API latency reduction, high-load traffic handling
- **Monitoring & Logging:** Kibana, Datadog, APM, system health monitoring
- **Security & Authentication:** User authentication, authorization, VAPT (Vulnerability Assessment and Penetration Testing), secure code implementation
- **Architecture & Infrastructure:** Backend infrastructure management, modular system design, cloud deployment
- **Web Technologies:** ES6, WebRTC, clean code practices, service integration
- **AI & Automation:** AI-powered backend solutions, RAG (Retrieval-Augmented Generation) implementation, automation scripting

SOFT SKILLS

- Technical leadership and mentoring
- Project management and task prioritization
- Effective communication and cross-team collaboration
- Problem-solving and analytical thinking
- Time management under high-pressure deadlines
- Continuous learning and adaptability