DYAKSA JAUHARUDDIN NOUR

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Backend Developer with over **4 years of experience** in building and maintaining scalable and efficient backend systems. **Proficient in Go (Golang)**, specializing in the development of **high-performance**, **microservices-based**, and **event-driven architectures**. Strong background in the fintech and payment aggregator industries, with a focus on building secure, reliable, and low-latency transaction systems. **optimizing application** performance and improving data processing efficiency, including implementing **Kafka** for asynchronous processing and **Redis** for strategic caching. Experienced in collaborating with cross-functional teams using Agile methodologies to ensure solutions align with business goals. Skilled at handling high-availability systems and complex integrations with external partners. Highly passionate about technology, always eager to learn new things, and actively writes on a personal tech blog to share technical insights and practical backend development experiences.

WORKING EXPERIENCE

PT Telkom Indonesia, Jakarta   Jan 2022 – Present

Backend Developer

- **Implemented robust and secure coding best practices** to ensure application security and compliance with industry standards.
- **Creating a PII (Personally Identifiable) Data Library PII** (Personal Information) data in accordance with compliance with the PDP Law (Personal Data Protection Act), protect sensitive user information with partial search feature with blind index.
- **Performed code and database optimization** to improve service performance, reduce latency, and increase system throughput.
- **Implemented Kafka to build an event-driven architecture** system, ensuring reliable and real-time communication between microservices.
- **Implemented Redis** as a caching layer to reduce database load and improve API response time by up to 60%.
- **Implement Redis as a message queue with a retry mechanism** to ensure the background jobs process runs smoothly and avoid failures.
- **Collaborated with software architecture** to create the TRD (Technical Requirement Document).
- **Collaborated with lead back-end** for deliver features and capabilities
- **Integrate Datadog to monitor application performance**, track errors, and ensure real-time system health.
- **Developed efficient and structured boilerplate templates** for Golang projects, making it easier for teams to start new projects and maintain code consistency.

- **Work closely with cross-functional teams** (frontend, DevOps, and product managers) to design, develop, and implement new features according to business needs.
- **Develop comprehensive technical documentation** for the application, including system architecture, API workflows, and usage guides.

PT Pupuk Indonesia, Jakarta   Nov 2023 – Feb 2024

Backend Developer (Freelance)

- **Implemented Firebase Cloud Messaging (FCM)** to facilitate real time messaging and push notifications in the app, increasing user engagement and ensuring fast and reliable communication.
- **Develop and integrate RESTful APIs** to connect applications with various external and internal services, ensuring secure and efficient data exchange.
- **Work closely with cross-functional teams** (frontend, DevOps, and product managers) to design, develop, and implement new features according to business needs.

PT Hutama Karya, Jakarta   Jul – Dec 2022

Backend Developer (Freelance)

- **Designed Entity Relationship Diagram (ERD)** for the Learning Management System (LMS), ensuring an efficient database structure that meets business needs.
- **Work closely with the frontend team to integrate APIs** and ensure application functionality is running properly, as well as aligning technical needs between the backend and frontend.
- **Implemented a queue system using Laravel Queue** to send emails asynchronously, improving application performance and user experience.
- **Integrate Spatie package for role and permission management,** ensuring a secure and structured authentication and authorization system.
- **Work closely with cross-functional teams** (frontend, DevOps, and product managers) to design, develop, and implement new features according to business needs.

Digital Amoeba By Telkom, Jakarta   Feb 2021 – Feb 2022

Backend Developer

- **Work closely with the frontend team to integrate APIs** and ensure application functionality is running properly, as well as aligning technical needs between the backend and frontend.
- **Integrate with payment gateway to process payment transactions** securely and in real-time, including handling callbacks and webhooks to ensure accurate transaction status.
- **Developed online exam features** on the Learning Management System (LMS), including question creation, timers, automatic scoring, and reporting of exam results to facilitate the evaluation process.

CV updated on May 24, 2025

- **Work closely with cross-functional teams** (frontend, DevOps, and product managers) to design, develop, and implement new features according to business needs.

Universitas Dian Nuswantoro, Semarang   Jan – May 2019

Mobile Developer (Java)

- **Developed a web scraping script using Python with Scrapy** library to collect the latest news data from various sources, ensuring accurate and structured data.
- **Integrate backend APIs** with native Android apps for data retrieval, ensuring seamless communication between backend and mobile apps.

EDUCATION

Bootcamp Pijar Camp, Jakarta   Aug 2020 – Oct 2020

Software Engineer Full Stack Developer

Dian Nuswantoro University, Semarang   Jan 2014 – Aug 2019

Bachelor of Engineering, Software Engineering

CERTIFICATIONS

Develop Generative AI Application: Get Started   Oct 2025

IBM

Build RAG Application: Get Started   Oct 2025

IBM

Spesialisasi Google Cybersecurity   May 2025

Google

Problem Solving (Basic)   Oct 2022

Hacker Rank

Cloud Practitioner Essentials   Apr 2021

Dicoding Academy

Belajar Dasar Pemrograman Javascript   Apr 2021

Dicoding Academy

Certificate Of Graduation Full Stack Developer   Dec 2020

Pijar Camp

[Web Development Path (Node.js)](#)   Aug 2020

Progate

[Membangun Progressive Web App](#)   Jul 2020

Dicoding Academy

LANGUAGES AND SKILLS

- *Bahasa Indonesia (Native), English (Basic).*

- *Programming Languages: Golang, TypeScript, PHP, JavaScript, Python.*

- *Web Development: Laravel, Node.js, Echo, Express.js.*

- *Database Management: PostgreSQL, MongoDB. Redis*

- *Collaboration: Proficient in cross-functional teamwork and communication tools like Ms. Teams.*

- *Personal Passion: Dedicated to professional growth, family values, and lifelong learning*