DIMAS AJI WARDHANA
Fullstack Engineer

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PROFESSIONAL SUMMARY

Fullstack Software Engineer with 4+ years of experience building scalable web applications using JavaScript (React, Next.js), Golang, and NodeJS. Skilled in both frontend and backend development, with strong experience in REST API design, microservices, and deploying cloud-native applications using Docker and AWS.

PROFESSIONAL EXPERIENCE

HYPERSCAL   **Bandung, Indonesia**
Backend Engineer   **2025-Present**

Contributed to the architecture team in designing scalable backend services using Golang, focusing on system reliability, service modularity, and integration testing.

- Defined backend design patterns and clean architecture principles, improving maintainability and speeding up feature onboarding by ~30.
- Built a migration duplication validator, ensuring 100% data consistency across microservices.
- Developed a modular user management service with 85% test coverage, reducing feature onboarding time by 30%.
- Established integration testing pipelines, boosting deployment reliability by 40% and cutting production issues by 25%.

EFISHERY   **Bandung, Indonesia**
Fullstack Engineer   **2023-2025**

Contributed to the development of internal tools that support HR operations, customer relationship management, anti-fraud monitoring, and process automation.

- Engineered responsive frontend interfaces with **ReactJS, NextJS, Ant-Design**, implementing reusable components which reduced development time up to 30%
- Integrated **React Query** for optimized data fetching and caching, reducing redundant API calls by 70%.
- Implemented **React Suspense and lazy loading patterns** for code splitting, reducing initial load by 65%.
- Designed and built RESTful APIs using **Golang**, handling concurrent requests efficiently while maintaining code modularity and test coverage above 70%
- Built asynchronous microservices leveraging **RabbitMQ** for decoupled event processing.
- Collaborated cross-functionally with product, design, and QA using Agile sprints.
- Enabled **Progressive Web App** for offline first feature, avoiding data re-entry on connection lost.

MITRAIS   **Bandung, Indonesia**
NodeJS Developer   **2021-2023**

Worked on projects for Southeast Asian clients, contributing to three major systems: a secretary management platform, an investment dashboard application, and a talent training platform.

- Developed **React Context API-based user management** and **real-time portfolio dashboards**.
- Built responsive navigation components using **React and CSS Flexbox/Grid.**
- Developed backend modules for a talent training platform, supporting course management and analytics.
- Achieved 80%+ test coverage using **Jest** and **React Testing Library**.

- Improved pipeline quality through **SonarQube** integration and real-time **Sentry** monitoring.
- **Collaborated with the UI/UX team** to implement designs from Figma.

PT LEN INDUSTRI **Bandung, Indonesia**

Software Engineer 2020-2021

Worked on a naval information system and internal administrative dashboards for a state-owned enterprise.
- Developed and maintained RESTful APIs using **Golang and Gin framework**, handling CRUD-based user and system data management.
- Implemented Micro Frontend using **module federation of webpack 5.**

PROJECTS

Halo guru | NODEJS/NESTJS, WEBSOCKET, FIREBASE, PRISMA, POSTGRESQL **2024**
- Built and deployed the backend of Halo guru app where Students and/or their guardians could interact with the educator to get advice for expanding knowledge in the field of education.
- Utilizing Postgresql to store a list of educators and chats of interaction.
- Coded the Rest API using NestJS to get, add, modify, and delete data from the database using SQL queries.
- Integrated Firebase for triggering notification from backend to the frontend.
- Deployed the backend into a private server using git and github action.

EDUCATION

POLITEKNIK NEGERI BANDUNG **Bandung, Indonesia**

Bachelor of informatics engineering **2015-2020**

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Golang, SQL
- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, Ant Design
- **Backend:** Golang (Gin, Echo), Node.js, REST APIs, Microservices
- **DevOps:** Docker, RabbitMQ, AWS, Git, GitHub Actions, CI/CD
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Testing:** Jest, Postman, React Testing Library, SonarQube

CERTIFICATION

- Certifications: Graph Developer Associate (2023),
- AWS Cloud Practitioner Essentials from Dicoding (2021)