

Muh Reza Aldi Irawan

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ABOUT ME

Versatile Software Engineer with proven experience in full-stack web development, backend system architecture, and cross-functional team collaboration. Adept at delivering scalable, maintainable solutions that align with business goals from API design and system integration to deployment and automation. Combines strong technical execution with effective communication, problem-solving instincts, and a proactive ownership mindset. A continuous learner who thrives in Agile environments and adapts quickly to evolving technologies and modern development practices.

EDUCATION

Politeknik Negeri Ujung Pandang

August 2019 - Oktober 2023

Computer and Network Engineering - IPK 3.68

- Relevant Coursework: Algoorithms, Data analyst ,Android developer, Web developer, Database, Artificial Intelegence, Server and client Side, Networking, IT Infrastructure,Cyber Security

EXPERIENCE

Holywings Group

Full time Contract - Back End Developer

Desember 2025 - Now

- Designed and developed new features for a centralized Point of Sale (POS) system used across all business units of Holywings Group, built on the Yii3 framework with a focus on scalability and reliability.
- Architected and maintained scalable RESTful APIs to support seamless data communication between POS modules and integrated internal business systems. Optimized system performance and reduced database load by leveraging Redis as a caching layer, improving response time during peak operational hours.
- Containerized application services using Docker to ensure consistent and reliable deployments across development, staging, and production environments.
- Integrated third-party APIs and external services to extend POS capabilities and streamline cross-unit operational workflows.Managed full deployment pipeline using Docker, ensuring consistency across development and production environments.
- Actively involved in system architecture design decisions, contributing to a more maintainable, modular, and scalable backend infrastructure and Performed regular bug fixing, system maintenance, and incident resolution to maintain optimal uptime of mission-critical operations.

PT. Aptana Citra Solusindo

Full time Contract - Web Developer

October 2023 - December 2025

- Maintained and enhanced multiple web applications built on CodeIgniter, Laravel Blade, and Node.js (TypeScript), ensuring optimal performance, code quality, and alignment with user requirements.
- Designed and developed scalable RESTful APIs to facilitate seamless communication between systems and applications, improving operational integration and efficiency.
- Architected and implemented Microservices based systems, breaking down monolithic applications into independent, scalable, and maintainable services to improve system modularity and team productivity.
- Managed and optimized relational and non-relational databases including MySQL, PostgreSQL, and MongoDB covering schema design, query optimization, indexing, and data integrity management to support complex and high-frequency business operations.
- Implemented asynchronous processing using RabbitMQ and applied Redis caching strategies to significantly improve application performance and scalability under high-traffic conditions.
- Containerized applications using Docker and orchestrated services with Kubernetes, ensuring seamless scaling, high availability, and reliable deployments across environments.
- Established CI/CD pipelines to automate build, testing, and deployment processes, reducing manual effort and accelerating release cycles.
- Implemented centralized logging and monitoring using Kibana, enabling real-time system observability, faster incident detection, and efficient troubleshooting across services.
- Collaborated effectively within an Agile team environment using Microsoft Teams for communication, task management, and sprint coordination to ensure timely and structured project delivery.

SOFT AND RELEVANT SKILLS

- Proven ability to collaborate effectively within cross-functional teams while maintaining strong self-management and accountability in delivering tasks on time. Strong communication skills, both written and verbal with professional proficiency in English, enabling clear and effective collaboration with local and international stakeholders.
- Experienced in project management within Agile environments, contributing to sprint planning, task prioritization, and cross-team coordination to ensure timely project delivery.