AFDHALUL IHSAN ROSYIDI

SENIOR SOFTWARE ENGINEER | PRODUCT ENGINEER | SOLUTION ARCHITECT

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SUMMARY

Senior Software Engineer and Product Engineer with 10+ years of experience building scalable web platforms across healthcare, logistics, supply chain, and education. Strong in full-stack and backend engineering, system architecture, and end-to-end product delivery, with expertise in React.js, TypeScript, Golang, Node.js, AWS, and Docker. Proven ability to translate complex business requirements into reliable technical solutions and drive technical decisions across product and engineering teams.

WORK EXPERIENCE

Product Engineer | Klinik Pintar
Oct 2021 - Present

- Led end-to-end development of healthcare platform capabilities, from business requirements and system design to implementation, deployment, and production support.
- Contributed to a healthcare platform serving 3,000+ healthcare facilities and 7,000+ healthcare professionals across 350+ cities, with an architecture spanning 6 services.
- Partnered with product teams, business stakeholders, and end users to translate operational challenges into scalable and maintainable technical solutions.
- Designed and developed RESTful APIs for a Health Center Management System supporting patient records, appointments, and clinical workflows.
- Built and maintained production web applications using React.js, Vue.js, and TypeScript, supporting healthcare administration and operational workflows.
- Architected and implemented Ministry of Health integrations, enabling secure and reliable real-time data synchronization.
- Refactored critical services using Golang, achieving up to 20% performance improvement while improving scalability and maintainability.
- Contributed to system architecture, technical decisions, code reviews, deployment, monitoring, debugging, and engineering best practices across the development lifecycle.

Solution Architect | Solutionlabs Grup Indonesia
Project Based · Feb 2026 – May 2026

- Analyzed business and technical requirements to identify stakeholder needs, system pain points, and solution opportunities.
- Designed scalable system architecture and technical solutions, including architecture diagrams, technical guidelines, and deployment flows.
- Provided technical direction and architecture reviews, collaborating with stakeholders, product teams, and engineers throughout development and deployment.

IT Manager | PT Semesta Digital Nusantara
Oct 2020 - July 2021

- Led development of Sipena, a School Management System supporting digital administration, student management, and academic operations.
- Directed development of a warehouse to courier platform, improving logistics and operational workflows.
- Translated business requirements into technical solutions, coordinating stakeholders and development teams.
- Bridged business objectives and engineering execution, driving technical decisions and project priorities.

Backend Developer | IMPRESSO (impressoapp.com)
Jun 2020 - Sept 2020

- Developed REST APIs for the Impresso Mobile App, enabling secure and efficient communication between mobile and backend services.
- Built an Admin Dashboard for user activity analytics, system monitoring, and operational visibility.

Senior Software Developer | Boxaladin
Jan 2019 - Sept 2020

- Developed scalable REST APIs for the Boxaladin mobile application using Node.js and PostgreSQL.
- Built a Laravel admin dashboard supporting business operations and user management.
- Deployed and maintained application infrastructure on AWS Elastic Beanstalk, ensuring reliability and scalability.

Senior Software Developer | LPTI Pelataran Mataram
Oct 2014 - Dec 2018

- Managed network and server infrastructure, ensuring reliable, secure, and stable operations.
- Developed a sentiment analysis platform for social media monitoring, analytics, and trend analysis.
- Led requirements gathering, system architecture, and technology decisions, delivering scalable solutions aligned with client needs.

EDUCATION

Informatics **2014 - 2020**
Universitas Teknologi Yogyakarta

ADDITIONAL INFORMATION

Technical Skills:

- Backend: Golang, Node.js, Express.js, Laravel, Python
- Frontend: React.js, TypeScript, JavaScript (ES6+), Next.js, Vue.js, Tailwind CSS
- Database: PostgreSQL, MySQL, MongoDB, Redis
- Cloud & DevOps: AWS, Docker, CI/CD, Linux
- Tools: Git, GitHub, Postman, Swagger
- AI-Assisted Engineering: Claude Code, GitHub Copilot, AI-assisted code review, refactoring, debugging, test generation, technical documentation

Languages: Indonesian, English