Rusydy Muhiddin

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Summary

I'm a versatile software engineer with strong full-stack experience across Go, PHP, Ruby on Rails, and Node.js. Active open-source maintainer and contributor (maintainer of asdf-php; contributor to scrcpy-plus and zed code editor), experienced in CI/CD, release management, and cross-platform tooling.

Skills

Golang, PHP, Laravel, JavaScript, Node.js, PostgreSQL, Redis, Jetpack Compose, Kotlin, Linux, Ruby, Ruby on Rails

Experience

Software Engineer | 06/2024 - Present | PT Mid Solusi Nusantara - Mekari | Central Jakarta, Jakarta

1. Streamlined customer service operations by creating comprehensive CS Ticket Documentation using Confluence and Jira, improving communication efficiency between support and development teams
2. Enhanced performance and scalability of Jurnal accounting software serving thousands of SME clients through full-stack development with Ruby on Rails, Kafka, MySQL, and Redis
3. Optimized microservices architecture for Jurnal platform using Go, reducing system latency and improving transaction processing reliability
4. Modernized frontend user experience with Vue.js and TypeScript, contributing to improved user engagement metrics

Software Engineer | 01/2021 - 01/2025 | Self Employeed | South Jakarta, DKI Jakarta

1. Delivered 15+ successful projects for enterprise clients including government agencies, telecommunications, and infrastructure companies
2. Built scalable KPI tracking applications using Laravel and PostgreSQL for SPI-Jasa Raharja and PT. Heksa Digital Mitra Informasi
3. Developed printer integration systems for Avatar Regulated Agent, automating document processing workflows
4. Optimized API performance through stress testing with Apache JMeter and Groovy for PT. Sarindo Media Telekomunikasi
5. Configured enterprise NGINX infrastructure on Red Hat Enterprise Linux 7.9 for Halliburton
6. Improved cargo management efficiency by 40% through web application development for PT. Tower Bersama Infrastructure Tbk
7. Created KIOSK application for DPR RI (Indonesian House of Representatives) using Kotlin
8. Designed system architecture and database schemas for PT. Hino Motors Sales Indonesia using Python and Mermaid.js
9. Built Task Management System and mobile applications for field engineers using Laravel, Vue.js, Kotlin, and Jetpack Compose
10. Provided ISO 27001 compliance consulting for PT. Enkripa Teknologi Indonesia
11. Developed Export Tracking System with real-time monitoring capabilities using CodeIgniter, Docker, and MySQL for PT. Upstrace Teknologi Indonesia
12. Developed UI/UX design initiatives using Figma for enhanced user experience for PT. Upstrace Teknologi Indonesia

Software Engineer | 04/2022 - 06/2024 | PT Sejahtera Lunaria Annua - Koinworks | South Jakarta

1. Accelerated new employee onboarding by 50% through comprehensive training programs on system architecture and technical documentation
2. Led cross-functional team of 5 engineers to create standardized CS-Ticket Documentation, reducing issue resolution time by 30%
3. Implemented comprehensive testing framework using Go-Mock and SQL-Mock, achieving 90%+ code coverage for KoinBPR and KoinNeo banking systems
4. Optimized user registration system performance by 25% through refinement of Core Bank procedures using Echo, PostgreSQL, and Redis

5. Resolved critical data discrepancies worth millions in transaction volumes through collaboration with data team using SQL and Python analytics
6. Architected new core banking structure with integrated fraud mitigation, reducing security incidents by 40%
7. Boosted developer productivity by configuring Docker environments for both x86 and ARM64 architectures across all repositories
8. Streamlined local development workflow through automated Makefile commands and container orchestration
9. Architected scalable architecture for Koinworks' Conventional Bank (BPR) using microservices pattern with Echo, PostgreSQL, and Kafka
10. Elevated code quality and collaboration by executing refined Git workflow, reducing merge conflicts by 60%
11. Strengthened API security through comprehensive refactoring based on cybersecurity recommendations
12. Successfully migrated 10+ repositories from GitHub to GitLab with zero downtime
13. Automated internal operations through Google Sheets API integration and WhatsApp chatbot development for customer registration

Software Engineer | 11/2021 - 04/2022 | PT Surya Fajar Urun Dana (SF Group) | South Jakarta, DKI Jakarta

1. Implemented and managed host-to-host connections for banking transactions using virtual account and hold-and-unhold APIs provided by Danamon Bank.
2. Implemented and managed host-to-host connections for company/fundraiser registration module using a third-party API provided by ALUDI (Indonesian Association for Security Crowdfunding).
3. Designed UI/UX on admin site using PHP Blade, jQuery, and Vue.js.
4. Managed stack migration from legacy project written using PHP Laravel to Node.js using Nest.js framework due to performance issues.
5. Maintained three Ubuntu servers; one development server and two production servers.
6. Designed architectures for the whole system of SFUND and business logic using draw.io.
7. Organized meetings between businesses, operations, and IT teams to ensure everyone had the same vision on SLDC.
8. Managed GIT and SLDC using Asana and Bitbucket.
9. Set up and managed office emails and domain.
10. Conducted fraud testing and UAT on banking API (Danamon Bank).
11. Wrote technical documentation, including user guides, admin features, and code architectures, to ensure a secure, clean, clear, scalable, and well-documented code base.

Backend Developer | 01/2021 - 04/2022 | Pigijo (SF Group) | South Jakarta, DKI Jakarta

1. Developed analytical dashboard to monitor operational efficiency and developed new features such as ordering flight tickets and payment method.
2. Maintained products on the production website.
3. Provided more accurate information to customers using various MongoDB queries.

Languages

English, Indonesian, Japanese

Certificates

SQL (Basic) Certificate HackerRank, Node.js (Intermediate) Certificate, Node (Basic) Certificate, Go (Basic) Certificate HackerRank, IELTS Band 6.0