Muhammad Rois Akbar, S.Kom

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Location: Samarinda, Indonesia

PROFESSIONAL SUMMARY

Full-stack Developer with 5+ years of experience building web and mobile applications for government and enterprise environments. Proficient in Backend (Go, Node.js, Laravel) and Frontend (Vue.js, Nuxt.js) development, API integration, deployment, and maintenance of production systems. Experience in building scalable systems and collaborating in agile teams to deliver high-impact solutions.

SKILLS

Backend: Go (Gin), Node.js (Bun, Elysia.js), Laravel, PHP
Frontend: Vue.js, Nuxt.js, JavaScript, HTML, CSS
Mobile: Kotlin, Flutter, Android
Databases: PostgreSQL, MySQL, Redis, Firebase, Qdrant
Other: Python, Java, Git, CI/CD, REST API, Docker

EXPERIENCE

Full-stack Web Developer

Dinas Komunikasi dan Informatika Pemerintah Kota Samarinda | Samarinda, Indonesia | 07/2024 – Present

- **Developed and maintained 16+ production applications including 6 Vue.js PWAs, 8 Laravel systems, and microservices using Bun Elysia.js and Go Gin, serving government operations across multiple departments.**
- **Architected and implemented REST API integrations with PostgreSQL, MySQL, Redis, and Qdrant vector database for AI-powered search functionality.**
- **Optimized application performance and ensured 99%+ uptime for critical government systems used by 2000+ daily users.**
- **Collaborated cross-functionally with backend engineers, UI/UX designers, and government stakeholders to deliver user-centric solutions aligned with public service requirements.**

IT Developer Staff

PT Baru Semeru Sejati | Samarinda, Indonesia | 05/2023 – 07/2024

- **Developed and maintained 8 internal web applications using Laravel with MySQL, streamlining business operations and improving workflow efficiency.**
- **Developed Android mobile applications leveraging Kotlin and Flutter to enhance field operations and mobile workforce management.**
- **Managed database optimization, backup procedures, and supported end-to-end deployment processes for production environments.**

IT Staff

PT Eramart | Samarinda, Indonesia | 05/2021 – 05/2023

- **Developed and maintained native Android applications using Kotlin and internal web systems to support retail business operations.**
- **Provided technical support and resolved critical system, application, and database issues, ensuring minimal downtime and business continuity.**
- **Collaborated with cross-functional teams to identify system improvements and implement solutions that enhanced operational efficiency.**

KEY PROJECTS

SAMAGOV Super App (PWA) – Samarinda Smart City

- **Built a Progressive Web App integrating 16+ public services, including CCTV monitoring, online registration, and document retrieval.**
- **Implemented microservices architecture with Go Gin and Elysia.js to handle high concurrency.**
- **Integrated Qdrant vector DB for AI-powered semantic search across government documents.**
- **Deployed on AWS with auto-scaling to handle traffic spikes up to 150,000 requests in 3 days.**

EDUCATION

Bachelor of Informatics | Universitas Islam Indonesia | Yogyakarta, Indonesia | 2013-2019

CERTIFICATION

- **Network Security Training Certificate | HackerKamp150 by SysBraykr | Dec 2025**
- **Website Security Training Certificate | HackerKamp150 by SysBraykr | Dec 2025**
- **Object-Oriented Programming for E-Commerce Development | Babastudio | 2021**

LANGUAGES

- **Indonesian (Native)**
- **English (Professional Working Profiency)**