

Muhammad Rizky

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PROFESSIONAL SUMMARY

Fullstack Developer with 5+ years of experience building scalable web and mobile applications. Skilled in Node.js, Vue.js/React, Flutter, and Kotlin/Swift, with strong expertise in designing RESTful APIs, CI/CD automation (Jenkins), and optimizing databases (MySQL, PostgreSQL). Proven ability to deliver high-performance solutions, integrate IoT and payment systems, and thrive in fast-paced team environments.

TECHNICAL SKILLS

- Programming Languages: JavaScript, TypeScript, PHP, Dart, Kotlin, Swift
- Frontend: Vue.js, HTML, CSS, Tailwind, Bootstrap
- Backend: Node.js, Express.js, Laravel
- Mobile: Flutter, Android Studio, Xcode
- Database: MySQL, PostgreSQL, MongoDB
- Tools & DevOps: Git, Jenkins, PM2, Nginx, Ubuntu
- Others: Redis, RabbitMQ, Payment Gateway Integration, Firebase, Socket, WebRTC, IoT (Tuya, TTLock), AI Coding Agents Assistant

WORK EXPERIENCE

Full Stack Developer – PT. Pasifik Hoki Indonesia, Medan (May 2023 – Present)

- Developed HRIS Employee Self-Service mobile apps (Kotlin, Swift).
- Delivered Mobile App to App Store and Play Store.
- Built fullstack web applications with Vue.js and Node.js for HRIS and POS systems.
- Designed and deployed CI/CD pipelines (Jenkins), reducing release time by 60%.
- Implemented RabbitMQ and Redis for queuing & caching, boosting system performance and scalability.
- Integrated IoT solutions (Tuya, TTLock) into booking systems for automated smart access.
- Developed BCA Virtual Account payment gateway integration, enabling seamless digital transactions.
- Optimized POS system performance by redesigning Sequelize queries, caching and indexing in MySQL, preventing downtime during high traffic by 70%.

Full Stack Developer – PT. Mitra Pasifik Solusindo, Medan (Oct 2019 – May 2023)

- Maintain and update new features on existing mobile app for presence via GPS using Android Kotlin and Swift iOS supporting thousands of users.
- Deliver Mobile App to App Store and Play Store.
- Developed and debugged REST APIs using PHP, improving reliability of attendance data.
- Built and maintained web admin dashboards with HTML, CSS, Bootstrap, and Ajax to manage employee presence.

PROJECTS

- HRIS Employee Self-Service Mobile App – Android & iOS (Kotlin & Swift).
- POS System – Node.js + Vue.js (cashier, stock, shift, report, billiards).
- Self-Order Mobile App – Flutter (customer rewards & membership features).
- Payroll SaaS – .NET Core + SQL Server (multi-tenant presence & payroll).
- IoT Booking System – Node.js + Vue.js (apartment/guest house automation with smart locks).

EDUCATION

Bachelor of Computer Science – Universitas Sumatera Utara, Medan

2015 – 2022 | GPA: 3.29 / 4.00