

# Ridwan Maulana

## Fullstack Developer | System Analyst

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### SUMMARY

Fullstack Engineer with **5+ years of experience** designing and delivering enterprise-scale digital products, serving over **15,000 users** within one of Indonesia's largest state-owned financial institutions. Experienced in system architecture, system analysis, microservices, microfrontend ecosystems, third-party integrations, vendor oversight, and cross-team technical leadership.

|          |                                          |
|----------|------------------------------------------|
| Frontend | Vue.js, React.js, Next.js, Nuxt.js       |
| Backend  | NestJS, Express.js, Laravel, CodeIgniter |
| Mobile   | Swift (iOS), React Native                |
| Database | MySQL, PostgreSQL, MongoDB               |

### EXPERIENCE

#### Fullstack Developer · PT Pegadaian (Persero)

Jun 2023 – Present

Scope: Fullstack Development · System Analysis · Dev Support & Vendor Supervision

##### Project: iLEADS — Corporate Learning Management System

- Architected and developed the iLEARN module — a full e-learning platform covering course creation, certification, exam/quiz engine, progress tracking, and scoring for 13,000–14,000 employees.
- Built the Learning Wallet system: balance management, carry-over logic, and third-party integrations with LinkedIn Learning, Learnnext, QuBisa, and PIJ — handling purchase flows, accountability reports, and wallet transactions worth approx. Rp 4–7 billion/month.
- Developed a Data Learning aggregation layer — a unified dashboard combining local iLEADS data and all third-party completion records into a single analytics view.
- Maintain and continuously improve the platform with new features and performance enhancements.

##### Project: Single UI ESS — HCMS Microfrontend Platform

- Led frontend architecture for a large-scale Human Capital Management System (HCMS) serving 14,000–15,000 employees using a microfrontend + microservice strategy.
- Engineered the host application handling SSO login flow, shared CSS class management across remote apps, and module federation integration between sub-applications.
- Developed multiple HCMS remote modules — Talent Review (Nine-Box Talent Committee), Attendance Monitoring, and Payroll — each as an independently deployable microfrontend.
- Established cross-team component standards and integration contracts to ensure UI consistency across all remote applications.

##### Project: SAPA Pegadaian — Customer Service iOS Application

- Developed a native iOS application using Swift for Pegadaian's internal customer service team.
- Implemented customer onboarding/registration flows and in-app customer call functionality.
- Ensured responsive UI, smooth UX, and cross-device compatibility across iOS versions.

#### General Responsibilities

##### Fullstack Developer

- Design and build end-to-end features across frontend (Vue.js, React.js, Next.js, Nuxt.js) and backend services (NestJS, Express.js, Laravel), including REST APIs, database design, and third-party integrations.
- Optimize system performance through iterative monitoring, profiling, and feedback analysis; author technical documentation.

System Analyst

- Gather and analyze business requirements with stakeholders and translate them into functional specifications, technical specs, data flows, and system architecture.
- Assess impact of change requests, define integration contracts between services, and align priorities with product and business teams.

Dev Support & Vendor Supervision

- Supervise external vendor development teams — providing technical governance, code review, and architecture compliance checks to ensure delivery quality and timelines.
- Support development and production issues (troubleshooting, bug triage, deployment coordination) in collaboration with backend, QA, DevOps, and product teams.

Frontend Developer · PT Virgo Permata Solusindo

Apr 2021 – May 2023

- Built and maintained client-facing websites using HTML, CSS, JavaScript, Vue.js, and React.js.
- Implemented responsive, pixel-perfect UI across desktop, tablet, and mobile platforms.
- Delivered high-quality graphics and visual elements aligned with UI/UX designs.
- Performed bug fixing, usability testing, and feature validation across multiple client projects.

Web Developer (Internship) · PT Dirgantara Indonesia (Persero)

Aug 2019 – Oct 2019

- Transformed a legacy internal desktop application into a modern web app using Zend Framework, PHP, and JavaScript.
- Implemented responsive design and cross-browser compatibility; developed scalable database queries with PostgreSQL.

SKILLS

|                  |                                                                                                |
|------------------|------------------------------------------------------------------------------------------------|
| Frontend         | Vue.js, React.js, Next.js, Nuxt.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Bootstrap |
| Backend          | NestJS, Express.js, Laravel, CodeIgniter, PHP, REST API                                        |
| Mobile           | Swift (iOS), React Native, Java (Android)                                                      |
| State Management | Vuex, Redux, Zustand                                                                           |
| Database         | MySQL, PostgreSQL, MongoDB                                                                     |
| Testing          | Jest, Cypress                                                                                  |
| Tools & Infra    | Kafka, Redis, Git, GitHub, Microservices, Microfrontend (Module Federation), SSO               |
| Analysis         | Requirement Analysis, Technical Specification, System Design, Code Review, Vendor Management   |

EDUCATION

Bachelor (S1) of Informatics Engineering — Universitas Komputer Indonesia (UNIKOM) · GPA 3.13 / 4.00 2021

CERTIFICATIONS

Junior Web Programmer — BNSP (National Professional Certification Agency) Jan 2021 – Jan 2024  
CCNA Routing and Switching Essentials — Cisco Aug 2019 – Aug 2022

LANGUAGES

Indonesian — Native | English — Fluent

PORTFOLIO



SCAN OR VISIT  
<https://www.ridwanmln.dev>  
Selected projects, case studies, and contact information.