

Riski Mardhianto

Full-Stack Web Developer / IT Consultant

mrdhnto.my.id | riski.mardianto@gmail.com | linkedin.com/in/rm121514 | github.com/mrdhnto

PROFESSIONAL SUMMARY

Full-Stack Engineer and Network Architect with **10+ years** of development experience and **6+ years** of full-stack expertise. Delivered **23+ websites** and **16+ applications** across fintech, telecoms, and startup environments using **Node.js**, **Vue.js**, **RESTful APIs**, and **Microservices** on **GCP** and **AWS**. Experienced in **Agile/Scrum** workflows, **CI/CD** pipelines, cross-functional third-party integrations, and **Linux Server** administration. Passionate about building scalable systems and integrating AI into production applications.

EDUCATION

University BSI Bandung

Bachelor's Degree in Network Engineering

Coursework: Software Engineering, Network Engineering, Operating Systems, Security

Bandung, Indonesia

Sep. 2015 – Jul. 2019

EXPERIENCE

Managed Services Specialist (*Full-Time*)

PT Profesional Telekomunikasi Indonesia

2024 – Present

Jakarta, Indonesia

- Architect and maintain a Ticketing System and **3+ RESTful API Microservices** on **GCP** using **Node.js**, improving service reliability and reducing manual resolution overhead through automated workflows.
- Collaborate with **internal and external (3rd party) teams** to design and develop new system modules, and integrate the internal ticketing platform with partner applications via RESTful APIs and agreed integration contracts.
- Built a **Nuxt.js** extension application that centralized data management for the Helpdesk team across **2+ internal and external systems**, replacing manual processes and improving data accuracy.
- Led transactional data migration project, designing preparation pipelines and integration scripts that transferred data to a new database with zero loss of application consistency.
- Ensure cross-system data accuracy and usability by working closely with the Helpdesk (HD) team, DBA, and operations, following **Agile** practices to deliver improvements on a sprint cadence.

Senior IT Developer (*Full-Time*)

PT Satustop Finansial Solusi (Sanders)

2022 – 2024

Jakarta, Indonesia

- Developed and maintained **3+ internal web applications** and a company landing page using **CodeIgniter 3**, serving core business functions for a fintech lending platform.
- Led redevelopment of **2 legacy applications** from CodeIgniter to **Vue.js + Node.js**, improving load performance and long-term maintainability.
- Designed and implemented role-based access control (RBAC) with **CASL**, securing borrower and lender workflows across the platform's **RESTful API** layer.
- Contributed to module design and sprint planning in a collaborative **Agile/Scrum** team, and occasionally worked independently as a Full-Stack developer maintaining existing applications end-to-end.

IT Developer (*Full-Time*)

PT Fintek Modalmu Bersatu

2021 – 2022

Jakarta, Indonesia

- Built and maintained internal web applications and a company website serving fintech operations, using full-stack development across frontend and **RESTful API** back-end layers.
- Managed **Linux web servers** and contributed to back-end schema design, reducing incidents through proactive server monitoring and maintenance.
- Executed end-to-end project testing workflows, identifying and resolving defects prior to production releases.

FREELANCE & CONSULTING

- IT Consultant** (*Full-Time Contract*) 2024 – Present
PT Esha Parama Teknologi Jakarta, Indonesia
- Provide ongoing advisory and hands-on development support to **PT Profesional Telekomunikasi Indonesia**, managing updates to **Node.js Microservices** on **GCP**.
- Linux Server Administrator** (*Part-Time Freelance*) 2022 – 2024
PT Polarindo Media Nusantara Bandung, Indonesia
- Umbrella Contract for fulfilling the requirement taking Government Project and not tied directly.
 - Administered and maintained **Linux servers** for a media company, ensuring **99%+ uptime** through proactive monitoring and coordinated troubleshooting with ISPs and third-party vendors.
 - Contributed to infrastructure planning decisions including server provisioning, network configuration, and service deployments.
- Founder & Lead Developer** (*Self-Employed*) 2020 – Present
Luminix Studio Jakarta, Indonesia
- Operated a one-man virtual studio delivering IT support, full-stack web development, and video editing services to clients across multiple industries.
 - Managed the full project lifecycle independently. From requirements gathering and development to deployment and post-launch support.
- IT Consultant** (*Freelance*) 2019
Pusat KUD Jabar Bandung, Indonesia
- Designed, analyzed, and built a production-ready **MAN-scale network system** for the company, covering cabling, topology planning, and device configuration.

PROJECTS

- Pyrobot – Discord Gaming Bot** | *Discord.js, Node.js, Astro, TypeScript, DrizzleORM, PostgreSQL* 2025 – Present
- Production-ready Discord bot for gaming guilds built with **TypeScript** and **Node.js**, featuring interactive raid scheduling with autocomplete embeds and a configurable role-based pass system (DPS, Tank, Healer, Bench).
 - Integrated an **AI assistant** powered by LLMs via Openrouter with guild-specific knowledge base, contextual memory, smart validation (daily limits, consecutive-day rules, duplicate prevention), and automatic DM/channel notifications.
 - Delivered a full web dashboard in **Astro** for guild configuration, raid management, and donation tracking, backed by **PostgreSQL** via **DrizzleORM** with multi-guild and per-server timezone support.
- Sanders Borrower & Lender Apps** | *Vue.js, Node.js, Vuetify, Vite, CASL, Sass* 2022 – 2024
- Built the v2 fintech Borrower & Lender platform using **Vue 3** and **Node.js RESTful APIs**, enabling end-to-end loan application and lending workflows for a licensed fintech company.
 - Implemented authentication and authorization with **CASL** for role-based access control and integrated Google services for seamless account management.
- Local Manga Translator** | *JavaScript, Chrome Extension API, Vision-Language Models (VLM)* 2026 – Present
- Chrome extension exploring local AI integration using on-device **Vision-Language Models (VLM)** to automate manga translation tasks — a privacy-first approach to complex real-world OCR and translation automation.
- Sanders Landing v2** | *Vue.js, Node.js, Vuetify, Vite* 2022 – 2023
- Redesigned the Sanders company landing page using **Vue 3** and **Node.js**, integrated with Google account services for a modern and responsive user experience.
- KSP BMB Internal App** | *Vue.js, Node.js, Bootstrap Vue, CASL, Sass, Axios* 2021 – 2022
- All-in-one financial management app for a cooperative, covering savings, loans, user management, role configuration, and product management with full audit trails and RBAC permissions.
- Greenhouse LIFF** | *Node.js, JavaScript, PHP, Bootstrap, PostgreSQL* 2020
- Restaurant self-ordering service with real-time order tracking and history, built on the **LINE Front-End Framework (LIFF)** and backed by a **PostgreSQL RESTful API**.
- PokeView Vite** | *Vue.js, Vite, Sass, PokeAPI* 2023

- Vue 3 + Vite application consuming the **PokeAPI** for Pokémon data visualization and search, demonstrating modern SPA architecture and efficient API consumption patterns.

MailBlast | *Vue.js, Node.js, Bootstrap* 2021 – 2022

- Email blast application with a WYSIWYG editor for mass email campaigns and marketing automation, supporting template creation and batch delivery.

AniTime | *Node.js, JavaScript, Bootstrap, GraphQL* 2020

- Daily anime airing schedule app consuming a **GraphQL** API, syncing broadcast times to the user’s local timezone for accurate, personalized release tracking.

SMatch | *HTML5, CSS3, JavaScript* 2020

- Premier League daily statistics application delivering real-time match data, standings, and analytics via a lightweight, API-driven frontend.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, PHP, Python, SQL, Rust, Markdown, EJS

Frameworks & Libraries: Vue.js, Node.js, Nuxt.js, Astro, Express.js, CodeIgniter, Bootstrap, Vuetify, Tailwind CSS, Discord.js

Databases: PostgreSQL, MySQL, SQLite, MongoDB, Redis

APIs & Architecture: RESTful APIs, GraphQL, Microservices, Event-Driven Architecture, Third-Party API Integration

DevOps & Infrastructure: Docker, GCP, AWS, Linux Server, Mikrotik, CI/CD, Jenkins, Git, Webpack, Vite, Cloudflare

Testing: Cypress, Jest, Test-Driven Development (TDD)

Methodologies: Agile, Scrum, RBAC, DrizzleORM, Sass

Services: Web Development, IT/Network Consulting, Tech Advisory, PC Building

KEY ACHIEVEMENTS

Portfolio Statistics: 23+ Websites Delivered, 16+ Apps Created, 7+ Network & Server Projects

Experience Metrics: 10+ Years App Development, 6+ Years Full-Stack, 4+ Years Startup & Fintech

Technical Leadership: Led legacy-to-modern redevelopment (CodeIgniter → Vue/Node), architected microservices on GCP, led third-party API integrations, managed zero-loss data migration projects

Open Source & Personal Projects: Ships AI-integrated tools, Chrome extensions, Discord bots, and systems-level apps under alias *RA121514 / Darkerside* via Luminix Studio

CERTIFICATIONS

Dicoding Developer Conference 2026 2026
Dicoding Indonesia “Built by Humans, Accelerated by AI”

Badan EKRAF Developer Day 2025 2025
Kementerian Ekonomi Kreatif / Badan Ekonomi Kreatif Mobile, Full-Stack & AI

Baparekraf Developer Day 2024 2024
Kememparekraf / Baparekraf Android, Front-End, ML & Back-End tracks

Start Learning Python 2024 – 2027
Dicoding Indonesia Data manipulation, unit testing, and Python programming use cases

Dicoding Developer Conference 2023 2023
Dicoding Indonesia First offline Dicoding Developer Conference

DBS Foundation Coding Camp 2023 – DevOps 2023 – 2026
DBS Foundation CI/CD implementation using Docker and Kubernetes

Building Microservices Architecture 2023 – 2026
DBS Foundation Microservices architecture design and deployment using Kubernetes

Learning CI/CD Implementation 2023 – 2026
DBS Foundation CI/CD pipelines using Jenkins and AWS Console

Computer Network for Beginner <i>DBS Foundation</i>	2023 – 2026 <i>Computer networking and AWS fundamentals for DevOps</i>
Basic DevOps <i>DBS Foundation</i>	2023 – 2026 <i>DevOps culture, methodologies, and toolchain for efficient software delivery</i>
Cloud Practitioner Essentials (AWS) <i>Indosat Developer Camp (IDCamp)</i>	2022 – 2025 <i>AWS Cloud fundamentals and practitioner essentials</i>
Back-End Basic <i>Indosat Developer Camp (IDCamp)</i>	2022 – 2025 <i>Back-end application development using Hapi Framework</i>
LINE Developer Academy 2020 <i>LINE Indonesia</i>	2020 – 2023 <i>Integrated web app development using LINE Front-End Framework</i>
Fortinet NSE 1 & 2 <i>Fortinet NSE Institute</i>	2020 – 2022 <i>Network Security Essentials 1 & 2</i>
Web Developer Expert <i>Indosat Developer Camp (IDCamp)</i>	2020 – 2023 <i>IDCamp 2020 Web Developer Expert Graduate</i>
Progressive Web Apps <i>Dicoding Indonesia</i>	2020 – 2023 <i>Lintasarta DigiSchool 2020 Web Developer Graduate</i>
Junior Android Dev <i>Dicoding Indonesia</i>	2019 – 2022 <i>Junior Android Java Programming</i>
BEKRAF Developer Conference 2019 <i>BEKRAF Indonesia</i>	2019 <i>Digital talent development in Indonesia's creative digital industry</i>
BEKRAF Developer Conference 2018 <i>BEKRAF Indonesia</i>	2018 <i>Empowering digital talent in the creative digital economy</i>
BEKRAF Developer Conference 2017 <i>BEKRAF Indonesia</i>	2017 <i>Building talent for world-class digital applications and games</i>
Cisco Academy CCNA 2 <i>Universitas BSI Bandung</i>	2015 – 2018 <i>Network and Routing Scaling</i>
Cisco Academy CCNA <i>Cisco Indramayu</i>	2012 – 2015 <i>Basic Network & Routing Management</i>