

Muhammad Rafli Indrawan

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Experienced backend programmer with a passion for coding and a specialization in AI, particularly machine learning. Skilled in developing a wide range of applications, I have created over 45+ websites since my high school days. With Six years of professional experience, I thrive on taking up new challenges and staying updated with the latest advancements in the field.

WORK EXPERIENCES

Universitas AMIKOM Yogyakarta

Fulltime AI Engineer

Yogyakarta, ID

Aug 24 - Now

- Developed RAG Agentic AI and Computer Vision solutions to support academic needs, including lecturer pose detection systems, face recognition for attendance, and AI-powered WhatsApp chatbot to help customer service.
- Managed and ensured the security of servers and applications within the academic system, covering data protection, access monitoring, and vulnerability mitigation to maintain service integrity.
- Planned and managed sprint timelines and project roadmaps to ensure each development stage, from planning to deployment, was delivered on time and met quality standards.

Brofesional.id

Fulltime Lead Developer

Yogyakarta, ID

Jul 23 - Now

- Led the development of a Learning Management System (LMS), managing all phases of the project from planning to deployment, resulting 50% reduction in project timeline than before.
- Directed backend architecture and infrastructure setup with Laravel, Node.js, and React.js, establishing CI/CD pipelines and containerization, which improved server cost by almost 95% of it's original server cost, deployment efficiency by 80% using CI/CD and minimized downtime & improve handling concurrent user by 100 to 2500 user concurrent at 95% less cost server
- Created and maintained comprehensive Software Requirements Specifications (SRS) documentation
- Coordinated and streamlined team workflows through Waterfall and Kanban methodologies, optimizing task management and reducing project completion time by +50%.

PT. Ide Jualan Creative*Lead Developer***Yogyakarta, ID***May 2020 - May 2023*

- Responsible for & Leading the IT Maintenance R&D Team, implementing the Kanban Methodology and SOP Clean Code, creating waterfall modeled timeline documentation, creating DDD-type scrum documentation, Assisting in selecting IT candidates in interviews, Designing schemes & application stack architectures.
- Responsible for supporting backend code with Restful API architecture using Laravel.
- Responsible for servers, maintenance of 6 servers, design of load balancer, docker, proxy database, and CI CD

PT. Era Resolusi Pintar*Senior Backend Developer***Jakarta, ID***Sept 2022 - April 2023*

- Responsible for creating & developing features from the project manager using the kanban methodology with the weekly DDD type
- maintaining AWS EC2 servers, deploying dependencies and running micro-functions on AWS Lambda, connecting main servers to database servers
- Responsible for creating & running CI&CD features on server for deployment process using github action on AWS EC2

PT. Naisha Inspirasi Muslimah*Lead Developer***Yogyakarta, ID***June 2020 - July 2021*

- Responsible for leading and managing the IT team in the company
- Responsible for documenting features, designing application architectures and creating waterfall timeline documentation
- Built a restfull api for admin dashboard, SPA react and Flutter using Laravel
- Maintain the server, creating CI CD with github action for efficiencing the deploy process

DigitalKode*Co-Founder***Sukabumi, ID***April 2019 - July 2021*

- Responsible for managing the team using the kanban methodology per project client
- Pitching deck to various clients about digitalkode products
- Lead the IT team in project per client
- Refactor Companies's Profile Website to latest stack technology & update the portfolio

ORGANIZATIONAL EXPERIENCES

AMIKOM Computer Club

IT Department

Yogyakarta, ID

2019 - 2021

- Responsible for all AMCC applications, as well as improvising existing features in applications and creating new application projects at AMCC
- responsible for teaching AMCC members about websites using laravel which is divided into 14 meetings
- Responsible for creating and developing websites for the 2020 & 2021 competition of developers (code).

AMIKOM Lab Assistant Forum

IT Assistant Lecture

Yogyakarta, ID

2021

- is responsible for teaching students about the course material called "Hybrid Web Development", the material taught is Angular & Ionic, in order to support an up to date curriculum from AMIKOM University
- responsible for assessing, giving assignments to guiding students at AMIKOM University

Senior High School's OSIS

IT Department

Sukabumi, ID

2018 - 2018

- create a school profile website that contains vocational, teacher profiles and a list of alumni achievements & alumni

PUBLIC SPEAKING & WEBINARS

Speaker of AMIKOM Computer Club

Competition Preparation : Build a Pro Foundation Product

Yogyakarta, ID

Nov 2023

Speaker of GKM Informatika AMIKOM

Realizing Student Creativity with Technology

Yogyakarta, ID

Oct 2023

Speaker of AMIKOM Business Park

Startup Talk : Create A Perfect Founding Team

Yogyakarta, ID

Feb 2023

Speaker of DSC Google Chapter Yogyakarta

Pre-Render Routes With React Snap

Yogyakarta, ID

May 2021

EDUCATION

Universitas Gadjah Mada

Master's Degree / S2

- Artificial Intelligence

Yogyakarta, ID

Aug 2024 - Now

Universitas AMIKOM Yogyakarta

Bachelor's Degree / S1

- GPA 3.60
- Informatics

Yogyakarta, ID

Aug 2019 - May 2023

Senior High School IT Al-Fath

Software Engineering

Sukabumi, ID

April 2019

SKILLS & INTEREST

Skills: Laravel | React | Ionic | Bootstrap | Tailwind | MaterialUI | Vercel | Netlify | Heroku | Github Action | NPM | Composer | MySQL | MongoDB | VPS | AWS EC2 | AWS Lambda | Langchain & LangGraph | Torch | Tensorflow

Interest: Fullstack Website Developer, Backend Developer, Devops, Restful API, Clean Architecture, AI Engineer