

# Muhammad Rafli Indrawan

Yogyakarta | [Linkedin](#) | [+62 8812 6710 57](#) | [Fliw@Digitalkode.com](mailto:Fliw@Digitalkode.com) | [Portfolio](#)

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

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### **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**

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### **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**

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### **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

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**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

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**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