Muhammad Ali Nur Rohman

Bandung, West Java | (+62) 85860711507

✉ m.alinurrohman10@gmail.com

PROFILE

High-achieving Software Engineering undergraduate with a 3.92 GPA at Universitas Pendidikan Indonesia. A passionate Backend Developer with strong expertise in modern web technologies backend systems (Laravel, Python). Proven experience in building SaaS multi-tenant architectures and integrating Generative AI (Google Gemini) into web applications. Quick learner with strong analytical skills, currently seeking a Software Engineering Internship to leverage technical skills in a professional environment.

WORK EXPERIENCE

BBGP Jabar (Ministry of Education & Culture)   **Apr 2022 – Aug 2022**

Backend Developer

- Full time Junior Web Developer
- Contributed to the backend development of the Open Education Resources website using the Laravel framework.
- Collaborated with the frontend team to design database structures and ensure seamless API integration.
- Assisted in troubleshooting and maintaining backend functionality during the development phase

Informatics Laboratory UPI Cibiru   **2025 – Present**

Laboratory Assistant Coordinator

- Assisted in facilitating hands-on lab sessions for undergraduate students in Operating Systems and Software Testing courses
- Guided students through practical exercises, including process management, memory allocation, and file systems in OS labs
- Supervised test case design, unit testing, and defect tracking activities during Software Testing practicums
- Provided technical support, answered student questions, and ensured smooth execution of lab activities
- Evaluated student lab reports and performance, offering feedback to improve understanding of key concepts

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PROJECTS

Muezza Petshop | Dynamic Company Profile Website

Fullstack Web Developer, I work on: **Sept 2024 – Desc 2025**

- Developed a high-performance web application using Next.js 15 and React 19, ensuring type safety with TypeScript.
- Integrated Google Gemini AI to build an intelligent chatbot for automated customer service and interactions.
- Implemented Supabase for secure authentication and database management, utilizing Zod for strict data validation.
- Designed a modern, responsive UI using Tailwind CSS v4 and Shadcn/ui components.

Fintory – SaaS Inventory & Finance System

Backend Developer, I work on: **June 2024 – Desc 2025**

- Architected a Multi-tenant SaaS platform for inventory and financial management.
- Built complex modules for product management and real-time sales transaction recording.
- Optimized database performance and scalability using Supabase integration.

Opend Education Resources (OER)

Fulltime Frontend Web Developer, I work on: **Apr 2022 – Aug 2022**

- Designed a centralized digital learning platform supporting multimedia formats (Video, Audio, Modules).
- Implemented third-party content embedding (YouTube) and manual content upload features for educators.

Student Data REST API

Fulltime Frontend Web Developer, I work on: **2025**

- Developed a lightweight RESTful API using Flask to handle CRUD operations for student data with standardized JSON responses.

EDUCATION

Universitas Pendidikan Indoensia (UPI) | *Software Engineering*   **2023 - Present**
Cumulative GPA: 3.92 / 4.00

SMK Negeri 4 Bandung | *Vocational High School in Software Engineering*   **2020 - 2023**
Final Score Average: 89/100

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ORGANIZATIONAL EXPERIENCE

Himpunan Mahasiswa Rekayasa Perangkat Lunak

Commission Staff   **2025**

- Served as the Internal Supervisor for the Advocacy Department, ensuring program quality and compliance.
- Supervisor of Community Service (Trias Bakti Desa Derwati): Monitored the execution of social impact projects in rural areas.
- Supervisor of Student Orientation (Masa Bimbingan): Oversaw the onboarding process for new Software Engineering students.

Staff of Advocacy & Strategic Studies   **2024**

- Facilitated administrative advocacy for all RPL students and led strategic studies (Kajian Isu) on campus issues.
- Achievement: Awarded Best Staff of Advocacy and Strategic Studies (2024) for outstanding performance and dedication.

SKILLS

Core Skill

- Language: HTML, CSS, JavaScript, PHP, Python, SQL, TypeScript, Java
- Frameworks: Laravel, PHP
- Version Control: Github

Language

Bahasa Indonesia (native), and English (professional working proficiency)

Software

Microsoft Office (Word, Excel, PowerPoint), Visual Studio Code, Postman (api testing), Canva, and Github Dekstop