Muhammad Rizki

Bandung, Indonesia | 0831-6491-9535 | mrizki135790@gmail.com | LinkedIn | Portfolio

PROFILE

Final-year Computer Science student with a strong foundation in software development and a growing passion for artificial intelligence. Proficient in developing scalable solutions with modern technologies, and experienced in collaborative and independent work environments. Seeking to contribute as a Software Engineer by delivering innovative, impactful solutions.

EXPERIENCE

Telkom Indonesia – Bandung, Indonesia   *Sep 2024 – Dec 2024*
Devops Engineer Intern
- Selected as one of 315 participants out of 64,255 applicants in the MSIB program.
- Contributed to the migration of the Antares platform by implementing DevSecOps practices aligned with Telkom's industry standards.
- Refactored and maintained 6 Golang projects (~20,000 lines of code) and achieving 80%+ unit test coverage

Universitas Pendidikan Indonesia – Bandung, Indonesia   *Sep 2023 – Jun 2024*
Teaching Assistant
- Led practicum sessions for 80+ students in Visual Mobile Programming, Data Warehouse, and Data Mining
- Created 7 learning modules on Flutter, FastAPI, and Python data science, covering topics like machine learning and deep learning.
- Improved student collaboration by 30% through training on Git and GitHub for version control.

PT. Sineas Kreatif Indonesia – Remote   *Mar 2024 – May 2024*
Back End Developer Intern
- Built and optimized back-office systems with Laravel, enhancing operational efficiency in a creative agency.
- Partnered with front-end developers to deliver seamless data integration.

PT. Sinergi Inovasi Tekno – Remote   *Jan 2024 – Mar 2024*
Mobile Developer Intern
- Built two Flutter apps, improving performance and UX by 20% with GetX.
- Delivered features with strong approval in code reviews.

SMAN 13 Bandung – Bandung, Indonesia   *Mar 2023 – Jun 2023*
Front-end Developer
- Built and deployed a responsive school profile website with React.js and Laravel, enhancing communication and accessibility for the school community.
- Improved user experience by 25% through cross-browser compatibility and mobile-first design.

EDUCATION

Universitas Pendidikan Indonesia – Bandung, Indonesia   *Sep 2021 – present*
S1 – *Computer Science* (*GPA: 3.89/4.00*)

- Thesis (In Progress): Developing an Large Language Model application for fundamental stock analysis.

Digital Talent – Bandung, Indonesia   *Jul 2024 – Aug 2024*
Junior Web Developer (Score: 95/100)

Bangkit Academy – Bandung, Indonesia   *Aug 2023 – Jan 2024*
Cloud Computing (Score: 92/100)

Rakamin Academy X IDX Partners – Remote   *Oct 2023 – Nov 2023*
Data Scientist (Score: 81/100)

ORGANIZATION

Hellocation ID & Hellocation Korean– *IT Manager*   *Jun 2024 – Nov 2024*
- Led WordPress projects, creating scalable solutions for landing pages and LMS to boost user engagement.
- Delivered IT support for 7 major events and 2 routine language classes.

SELECTED PROJECTS

TOEFLify – *Software Developer*   *Nov 2024 – Jan 2025*
- Led project management and team coordination to develop a personalized TOEFL learning app.
- Built and maintained back-end systems, including database and server management.
- Developed ML models to predict CEFR proficiency and customize learning content.

Minatku –*Backend Developer*   *Sep 2023 – Jan 2024*
- Designed cloud architecture using Google Cloud Platform and developed back-end for talent and interest application.
- Deployed application and machine learning prediction services.

Peduli Mahasiswa –*Web Developer*   *Mar 2022 – Jun 2022*
- Built a donation platform for supporting UPI students.
- Implemented WooCommerce for e-commerce functionality and integrated Tripay as the payment gateway.

OTHERS

Technical-skills	- Programming Languages: Python, PHP, Go, Javascript, C, Java - Frameworks & Libraries: Laravel, React.js, Node.js, Next.js, Flutter, FastAPI, Flask - Cloud & DevOps: Google Cloud Platform (GCP), Docker, Jenkins, Kubernates - Others: MySQL, MongoDB, Redis, Git, WordPress, Figma
Certifications	Google Associate Cloud Engineer, Alibaba Cloud Developer, The British Institute, BNSP Junior Web Developer, BNSP Database Administrator
Achievements	3rd Place in DIMAS-TI 2024