

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

Devops Engineer Intern

Bandung, West Java

Sep 2024 – Dec 2024

- 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

Teaching Assistant

Bandung, West Java

Sep 2023 – Jun 2024

- 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 – Bandung, Indonesia

Back End Developer Intern

Remote

Mar 2024 – May 2024

- 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 – Bandung, Indonesia

Mobile Developer Intern

Remote

Jan 2024 – Mar 2024

- 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

Front-end Developer

Bandung, West Java

Mar 2023 – Jun 2023

- 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

S1 – Computer Science (GPA: 3.89/4.00)

Sep 2021 – present

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

Digital Talent – Bandung, Indonesia

Junior Web Developer (Score: 95/100)

Jul 2024 – Aug 2024

Bangkit Academy – Bandung, Indonesia

Cloud Computing (Score: 92/100)

Aug 2023 – Jan 2024

ORGANIZATION

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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	<ul style="list-style-type: none">• 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, Kubernetes• 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