

# MUHAMMAD RIZKI

+6283164919535 | mrizki135790@gmail.com | <https://www.linkedin.com/in/rizki-muhammad-32b4b4203/> | <https://github.com/MuhammadRizki8>

Bandung, Indonesia

Certified Google Associate Cloud Engineer with a robust skill set in cloud computing, data science, and software development. Experienced in software development with a proven ability to design, implement, and optimize systems. possess good collaborative skills, excelling in team environments and effective problem-solving. Adept in communication, able to convey technical concepts to diverse audiences.

## Experiences

---

### Universitas Pendidikan Indonesia - Bandung, Indonesia

Sep 2023 - Jun 2024

#### Teaching Assistant

Universitas Pendidikan Indonesia is a public university with a reputation for excellence.

- Taught practicum classes for Visual Mobile Programming, Data Warehouse, and Data Mining courses, with a total of approximately 80 students
- Designed learning modules for ,Dart programming language, multi-platform software development using Flutter, Git, GitHub, and backend development using FastAPI.
- Developed modules introducing data science using Python, including machine learning and deep learning concepts, as well as data warehouse concepts.

### PT Sineas Kreatif Indonesia - Bandung, Indonesia

Mar 2024 - May 2024

#### Back-End Developer

Film Media Production & Creative Agency

- Contributed to the development of applications supporting the company's back office operations using Laravel.
- Worked collaboratively with the front-end team to manage application data needs and ensure smooth integration between back-end and front-end systems.

### PT Sinergi Inovasi Tekno - Jakarta, Indonesia

Jan 2024 - Mar 2024

#### Flutter Developer

Sintech is an Innovative IT Solutions Agency

- Translated UI design concepts into Flutter code.
- Utilized GetX for state management, dependency injection, and route management.
- Implemented Firebase for backend services.

### Bangkit Academy - Bandung, Indonesia

Aug 2023 - Jan 2024

#### Cloud Computing Cohort

Bangkit Academy is an IT talent development program le by Google, GoTo, and Traveloka.

- Develop RESTful API based backend application using Flask framework and deploy it to Google Cloud Platform with Cloud Run, Cloud SQL, Cloud Storage.
- Implemented machine learning models, cloud architecture, and implement CI/CD pipeline with GitHub and Google Cloud Platform.
- Completed coursework in cloud computing, backend application development, English language proficiency, and soft skills, culminating in a capstone project.

### ID/X Partners X Rakamin - Bandung, Indonesia

Oct 2023 - Nov 2023

#### Project-Based Virtual Intern : Data Scientist

A program by Rakamin Academy in collaboration with data consulting company ID/X Partners.

- Learned the fundamentals of core data science concepts.
- Achieved an average score above 80, demonstrating excellence in the program.

### SMAN 13 Bandung - Bandung Indonesia

Feb 2023 - Jun 2023

#### Web Developer

Public Senior High Schools in Bandung, West Java

- Developing a school profile website using the Laravel PHP framework
- Interacted with school staff to ensure a clear understanding of needs and expectations.
- Prepared periodic reports on project progress for submission to relevant stakeholders.

## Education Level

---

### Universitas Pendidikan Indonesia - Bandung, West Java

Sep 2021 -

Undergraduate in Computer Science, 3.88/4.00

## Organisational Experience

---

### Google Developer Student Club UPI - Bandung, Indonesia

Oct 2022 - Feb 2023

Member

- Attended workshops and trainings on the latest technologies, software development, and other technical skills.

### Competitive Programming Club UPI

Dec 2021 - Jul 2023

Member

- Participated in competitive programming training sessions.
- Competed in the Gemastik and Compfest competitive programming competitions.

### UKM English Debating Society UPI

Oct 2021 - Jan 2022

Member

- Attended workshops to improve debating skills in English.

## Certifications, Projects, Skills, & Other Experience

---

- **Certification** 📄 (2024): Certified Associate Cloud Engineer. Proficiency in designing cloud computing solutions. Experience with Google Cloud Platform for more than 6 months.
- **Certification** 📄 (2023): Certificate of Achievement, awarded for successfully completing the ID/X Partners Data Scientist Project-Based Virtual Internship Program indicating excellence as a student.
- **Hard Skills** (2024): Intermediate cloud computing, pre-intermediate data science, intermediate software development
- **Projects** 📄 (2024): Build an English learning webservice application with features of English proficiency level prediction with CEFR, automatic question generation, and personalized learning using NLP techniques.
- **Projects** 📄 (2024): Creating a decision support system website using Laravel
- **Projects** 📄 (2023): Build a model machine learning for credit risk prediction on ID/X Partners that can predict credit risk.
- **Projects** 📄 (2024): Scraping, transforming, and preprocessing boarding house data around Bandung for the construction of rental price prediction machine learning.
- **Projects** 📄 (2024): Developed LLM application for text summarization using Llama and LangChain.
- **Projects** 📄 (2023): Perform RFM analysis process on E-Commerce data and create and deploy dashboards using Streamlit.
- **Projects** 📄 (2023): As a UX researcher and fullstack developer in the peer-to-peer lending application development project "LenderUp" using Flutter and FastAPI.
- **Projects** 📄 (2022): As a website developer of the student donation application "Peduli Mahasiswa" using WordPress and TriPay payment gateway.