

# Muhammad Rizki

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## PROFILE

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Final-year Computer Science student with a strong foundation in software development and a growing passion for artificial intelligence, especially in Large Language Models (LLM). 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

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### Telkom Indonesia – Bandung, Indonesia

Sep 2024 – Dec 2024

#### DevOps Engineer Intern

- Selected as one of 315 participants from a pool of 64,255 applicants in the MSIB program.
- Supported platform migration by implementing DevOps practices, including CI/CD workflows with Jenkins, SonarQube and GitLab and conducted unit testing on 6 Golang projects (~20,000 lines of code), ensuring 80%+ code coverage.
- Optimized containerization pipelines using Docker and Portainer, improving deployment efficiency by 10%.

### 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, improving student proficiency and hands-on skills by 20% through personalized guidance.
- Developed and delivered 7 comprehensive learning modules on Flutter, FastAPI, and data science concepts in Python, including machine learning and deep learning.
- Strengthened student expertise in version control with Git and GitHub, leading to a 30% improvement in their ability to collaborate on group coding projects.

### PT. Sineas Kreatif Indonesia – Bandung, Indonesia

Mar 2024 – May 2024

#### Back End Developer

- Developed and maintained back-office applications using Laravel, streamlining company operations in a film media production and creative agency environment.
- Collaborated closely with the front-end team to manage data requirements and ensure seamless integration

### PT. Sinergi Inovasi Tekno – Bandung, Indonesia

Jan 2024 – Mar 2024

#### Mobile Developer

- Developed two mobile applications using Flutter, enhancing user experience and performance by 20% with GetX state management.
- Delivered features on time while maintaining 100% code review approval.

### SMAN 13 Bandung – Bandung, Indonesia

Mar 2023 – Jun 2023

#### Front-end Developer

- Developed and launched a comprehensive school profile website using the React.js and Laravel framework, improving accessibility and communication between the school and its community.
- Ensured cross-browser compatibility and responsive design, resulting in a 25% improvement in user experience for both desktop and mobile users.

## EDUCATION

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### Universitas Pendidikan Indonesia – Bandung, Indonesia

Sep 2021 – present

S1 – Computer Science (GPA: 3.89/4.00)

- Thesis (In Progress): Developing an LLM (Large Language Model) application for fundamental stock analysis, utilizing AI-driven techniques to analyze financial data and provide insights.

**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

**Rakamin Academy X IDX Partners – Bandung, Indonesia**  
Data Scientist (Score: 81/100)

Oct 2023 – Nov 2023

## ORGANIZATION

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**Hellocation ID & Hellocation Korean– IT Manager**

Jun 2024 – Present

- Lead and manage web development projects using wordpress, ensuring effective and scalable solutions.
- Provided IT support for 5+ major events, improving technical operations and reducing downtime by 15%.
- Collaborate with cross-functional teams to optimize system infrastructure and user engagement.

**Google Developer Student Club – Member**

Dec 2022 – Jan 2024

- Engaged in workshops and coding sessions to enhance technical skills and share knowledge with the developer community.

## OTHERS

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### Technical-skills

- Programming Languages: Python, PHP, Golang, Javascript, SQL, C, Java
- Frameworks & Libraries: Laravel, React.js, Flutter, FastAPI, Flask
- Tools & Platforms: Docker, Google Cloud Platform, MongoDB, TailwindCSS, Figma , Wordpress
- Version Control: Git, GitHub, GitLab

### Certifications

[Associate Cloud Engineer](#), [Alibaba Cloud Developer](#), [The British Institute](#), BNSP Database Administrator, [BNSP Junior Web Developer](#),

### Achievements

**3rd Place in DIMAS-TI Competition**

December 2024

“TOEFLIFY: Generative-based TOEFL Learning Application  
AI with Adaptive Approach Based on CEFR”