

Rafa Azka Ulinnuha

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• <https://github.com/RafaUlinnuha> • <https://portfolio-rafa.vercel.app/>

Highly motivated and dedicated fresh graduate in Computer Science with a strong understanding of software development principles. Committed to continuous learning and staying updated with the latest technologies and industry trends. Excellent problem-solving skills and the ability to collaborate effectively in cross-functional teams.

Education

UNIVERSITAS PADJADJARAN

Majored in Computer Science. GPA 3.82 / 4.00

Jatinangor, Indonesia

Aug 2020 – Feb 2024

UNIVERSITY OF SZEGED

Exchange Program. Majored in Health Science. GPA 5.00 / 5.00

Szeged, Hungary

Sep 2022 – Jan 2023

Work Experiences

MRT Jakarta

Software Engineer

Aug 2024 – Present

- Developed a dashboard using ReactJS and ExpressJS to display calculated load factors, optimizing capacity utilization analysis for MRT Jakarta's public transport services.
- Resolved bugs in the Ruang Cabin project based on user feedback, improving usability and overall user experience.

Mitramas Infosys Global

Software Engineer

Apr 2024 – Aug 2024

- Developed and maintained a data migration platform in Java to handle the transfer of over 800,000 images, ensuring a smooth and efficient transition from an old database to a new one.
- Collaborated with cross-functional teams, including a business analyst and quality assurance, to gather requirements and refine project goals.

GMF AeroAsia

Web Developer Intern

Aug 2023 – Dec 2023

- Led the development of a real-time sensor monitoring page for chillers, using Laravel, AWS EC2, and MySQL technologies.
- Enriched experience in developing solutions that effectively bridge software and hardware components.

University Projects

KAN (Klasifikasi Aksara Ngalagena)

Aug 2023 – Jan 2024

- Classified the 18 Sundanese script characters using the dataset from the Ancient Manuscript Digitization and Indexation research.
- Enhanced accuracy by 20% compared to the previous study.
- Developed a Flask-based website that seamlessly integrates the previously constructed model.

SIP (Sistem Informasi Pemilu)

Sep 2023 – Dec 2023

- Utilized React and Chakra UI to craft an intuitive and responsive user experience, ensuring a seamless interface for users.
- Implemented backend-provided APIs to establish seamless communication between the frontend and backend systems, enhancing the overall functionality of the project.

Awards

Indonesian International Student Mobility Award 2022

May 2022 – Jan 2023

- Engaged in an immersive cultural experience and interacting with students from diverse backgrounds.
- Developed strong communication and adaptability skills.
- Gained valuable insights into different approaches to education, broadening my perspective, and enriching my learning experience.

Personal Development

Introduction to Cloud Computing

2023

IBM via Coursera

Successfully learned concepts related to cloud computing, including defining cloud computing, explaining its essential characteristics, tracing its historical development, and understanding the business case for cloud adoption.

Azure AI Engineer

2024

Digital Talent Scholarship

Acquired foundational knowledge in a range of AI tasks, including machine learning, computer vision, NLP, and generative AI, specifically on the Azure platform, while exploring various considerations.

Skills & Interests

Skills:

- Programming Languages: Python, PHP, JavaScript, Java
- Web Development: ReactJs, ExpressJs, Next.js, Laravel
- Databases: SQL, NoSQL
- Version Control: Git
- Collaboration Tools: GitHub, GitLab
- Teamwork: Effective communication, collaboration
- Other: Figma, Microsoft Office (Word, PowerPoint, Excel)

Language:

- English (Full Professional Proficiency)
- Bahasa Indonesia (Native Proficiency)

Interests: Web Development, Data Analysis