

Rafa Azka Ulinnuha

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• <https://github.com/RafaUlinnuha>

Highly motivated and dedicated undergraduate student 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. Current GPA 3.80 / 4.00

Jatinangor, Indonesia

Aug 2020 - Present

UNIVERSITY OF SZEGED

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

Szeged, Hungary

Sep 2022 – Jan 2023

Experiences

Pamitran

Full Stack Developer

Bandung, Indonesia

Jan 2022 – Jun 2022

- Developed and maintain scalable, secure, and efficient web applications, both on the front-end and back-end using CodeIgniter4, Bootstrap, and MySQL.
- Collaborated with UI/UX designer to implement intuitive and visually appealing user interfaces.

Big! Force Festival 2021

UI/UX Designer

Jatinangor, Indonesia

Jun 2021 – Nov 2021

- In charge of creating a visually appealing and user-friendly interface for website visitors and admins.
- Work collaboratively with the UI/UX team and technology division.

University Projects

WasteLess

Frontend Developer

Mar 2023 – Jun 2023

- In charge of creating a visually appealing and user-friendly interface using Tailwind CSS and Alpine JS.
- Ensured that the web application was responsive and compatible with different screen sizes and devices.
- Collaborated with UI/UX designer and back-end developer.

Cube Craze

Game Developer

Mar 2023 – Jun 2023

- Implemented the game mechanics, including block generation, movement, and rotation.
- Developed a scoring system, a dynamic level progression, and game over screens.
- Utilized Unity's scripting capabilities with C# to code the gameplay mechanics and user interactions.
- Conducted playtesting sessions to gather feedback and iteratively improve the gameplay and user experience.

Data Warehouse for SAP Bikes Sales

Data Analyst

Mar 2023 – May 2023

- Implemented ETL process to extract sales data from Kaggle, transform it into a standardized format, and load it into data warehouse.
- Utilized Microsoft SQL Server Integration Services (SSIS) to automate the data extraction and transformation processes.
- Modelled the sales data using OLAP techniques, including dimensional modelling and creating a snowflake schema.
- Analysed sales performance by various dimensions such as product, customer, and time to gain insights.

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.

Data Analysis with Python

2023

IBM via Coursera

Acquired comprehensive knowledge of data analysis techniques, tools, and libraries in Python, enabling proficient data manipulation, cleaning, visualization, and interpretation. Applied learned concepts to real-world datasets, solving practical data analysis problems and making data-driven decisions.

Skills & Interests

Skills:

- Programming Languages: Python, C++, C#
- Web Development: HTML, CSS, JavaScript, Laravel, CodeIgniter4
- Database: SQL
- Version Control: Git
- Teamwork: Effective communication, collaboration
- Other: Data Analysis, Figma, Blender, Microsoft Office (Word, PowerPoint, Excel)

Language:

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

Interests: Web Development, Programming, Data Analysis