

Mochammad Azka Basria

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PROFILE

Computer Science student with practical experience in data analysis using R basics, Python basics, SQL, and Excel. Recently focused on exploratory data analysis and data storytelling through hands-on projects and continuous self-learning. Comfortable with tools like Tableau and spreadsheet-based pipelines.

EDUCATION

University of Education Indonesia

Aug. 2024 - Now

Major: Computer Science

EXPERIENCE

Digital Marketing Intern

May 2024 – Sept. 2024

Balista Sushi & Tea

Bandung

- Managed online sales across multiple merchant apps to overseeing menu updates, promotional listings, and maintain revenue growth.
- Served as in-house graphic designer to produce social media feeds, seasonal campaigns, and assets.
- Supported HR Director with documentation and administrative reporting.

PROJECTS

LitterAlly Waste Tracking Website | PHP, MariaDB, Tailwind

May 2025 – June 2025

- Developed a web-based application to record and manage daily user-submitted waste data.
- Designed normalized relational schemas with stored procedures for efficient classification and tracking.
- Performed extensive spreadsheet-based data cleaning to eliminate anomalies and standardize units.

File-Based DBMS Simulator / C

Nov. 2024 – Dec. 2024

- Built a lightweight DBMS from scratch supporting SQL-like CRUD operations and table displays.
- Developed a tokenizer and parser with validation logic for referential integrity across pseudo-tables.
- Engineered error handling routines to simulate real-world database constraints.

File System Simulator / C

June 2025 – June 2025

- Engineered an N-ary tree-based file system simulator supporting directory/file operations and recursive size calculation.
- Implemented BFS traversal for node search and directory management, alongside DFS for recursive data processing.
- Utilized circular linked lists to optimize sibling node traversal within directories.

ORGANIZATIONAL EXPERIENCE

Staff Of Creative Division / BEM KEMAKOM UPI

Feb. 2025 – Now

- Assigned for making social media posts and contents.
- Managing website department as a frontend developer.

Leader of Publicity and Documentation Division / Inauguration Committee UPI

Oct. 2024 – Nov. 2024

- Contributed to event planning and coordination, demonstrating teamwork and communication.
- Designed and implemented a visual identity system for my batch, including logo, color palette, and event visuals used across all media platforms.

ABILITIES

Technical Skills: Microsoft Excel, SQL, Python basics, R basics, C, Adobe Photoshop, Figma, Canva.

Impersonal Skills: Critical thinking, problem solving, attention to detail, data storytelling.

Certification: Google Data Analytics Professional Certificate