

Ridho Rifqy Muhammad

Kabupaten Tangerang, Banten | [+62 813 8475 2978](tel:+6281384752978) | ridhorifqy34@gmail.com

[LinkedIn](#) | [Github](#) | [Portfolio Website](#)

ABOUT ME

Fresh graduate in Computer Science from Bina Nusantara University with hands-on experience across the data field before transitioning into Web Development. Previously interned as a System Analyst and Data Analyst, where I developed skills in system design, data analysis, and visualization. After graduation, I explored Data Engineering using Python, Apache Airflow, and cloud tools, before discovering a strong passion for building user-focused digital products. I am now focused on full-stack development, mastering React.js, Node.js, MongoDB, and PostgreSQL, with a goal to build impactful and scalable web applications.

EDUCATIONS

Bina Nusantara University **Tangerang**

Computer Science (Aiming at Data Analytics in 5th semester) *2020-2024*

- Participated in the BNCC (Bina Nusantara Computer Club) Challenge titled “Sharing Tech Expertise: UI/UX Design with Figma” to enhance skills in user interface and experience design.
- Served as a Freshmen Leader for BINUSIAN 2026 from July to September 2022, guiding and supporting new students during their orientation and transition period.
- Served as a PAPB for the 67th and 68th BINUS graduation ceremonies, supporting event flow and ensuring smooth proceedings.

EXPERIENCE

Dewan Perwakilan Rakyat Republik Indonesia (DPR RI) **Jakarta**

Data Analyst (Internship) *August - December 2023*

- Visualized data in Tableau Desktop by building interactive visualizations that highlight key metrics and trends to support strategic decision-making.
- Created a dashboard in Tableau Desktop to effectively summarize an overview of performance metrics.
- Collected and cleaned raw data using Python libraries like Pandas, Matplotlib, and also Seaborn to ensure accuracy and prepare datasets for meaningful analysis.
- Analyzed complex datasets to uncover hidden patterns, correlations, and actionable insights that can drive data-informed business decisions.

Lembaga National Single Window (LNSW) Kementerian Keuangan (KEMENKEU) **Jakarta**

System Analyst (Internship) *February - June 2023*

- Created a comprehensive flowchart for an application to visualize system logic and guide the development process effectively.
- Created and refined an Entity Relationship Diagram (ERD) to accurately represent data structures and relationships within the application’s database.
- Designed and developed a high-fidelity mockup for a web-based ticketing system using Figma to illustrate user interface and experience.
- Designed detailed User Acceptance Testing (UAT) scenarios and test cases aligned with functional specifications to ensure application meets business requirements.
- Created a dynamic ticketing system website using JavaScript, focusing on interactive features and responsive user experience.

PROJECTS & TRAININGS

Portfolio Website [\[Github Link\]](#)

- Personal site built to showcase my portfolio, including transition from data to web development, highlighting my skills and projects.

Dahlia Villa [\[Github Link\]](#)

- Responsive landing page for a villa, built using React and Vite. Includes key sections like information, image gallery, testimonials, and a contact link.

Store Product [\[Github Link\]](#)

- Developed a full-stack store product application using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented CRUD functionality for managing store inventory.

Stock Market Pipeline [\[Github Link\]](#)

- Fetched real-time stock market data from the Yahoo Finance API for selected tickers.
- Stored the raw JSON responses into MinIO as a cloud-based data lake solution.
- Transformed the raw JSON files into structured CSV format for further processing.
- Loaded processed CSV files from MinIO into PostgreSQL as part of the data warehouse layer.
- Visualized the final data in Metabase by building interactive dashboards for trend analysis.

APOD NASA ETL Pipeline [\[Github Link\]](#)

- Built an ETL pipeline using Apache Airflow to automate data extraction from NASA's Astronomy Picture of the Day (APOD) API.
- Processed and cleaned the extracted data to ensure consistency and readability.
- Loaded the final structured data into PostgreSQL for storage and future analysis.

Tableau HR Dashboard [\[Link\]](#)

- Designed an interactive HR dashboard in Tableau to display key employee metrics clearly and effectively.
- Visualized headcount, department distribution, gender ratio, and turnover rates to support workforce analysis.
- Aimed to assist HR teams in tracking trends and making data-driven organizational decisions.

Spark Project [\[Link\]](#)

- Conducted multiple data analysis projects using PySpark and Spark SQL on various retail and customer datasets.
- Performed preprocessing tasks including schema inspection, null handling, data filtering, joining, pivoting, and group operations.
- Extracted valuable insights such as customer behavior, order trends, sales by region and category, and product performance.
- Analyzed data using both PySpark DataFrame APIs and Spark SQL to uncover business patterns and opportunities.
- Created segmentation and profiling to help businesses better understand target customer groups and optimize sales strategy.

SKILLS

- Programming Languages: JavaScript, SQL.
- Frontend Development: HTML, CSS, React.js.
- Styling & UI Frameworks: Tailwind CSS.
- Backend Development: Node.js, Express.js.
- Databases: MySQL, NoSQL.
- Version Control & Tools: Git/GitHub, Postman, Vercel, Figma, Tableau.
- Languages: Indonesian (Native), English (Intermediate).
- Soft Skills: Project Management, Critical Thinking, Problem Solving, Leadership, Teamwork.