PUTRI RIZKY ALIFIYA

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Bandung, West Java

Dedicated Data Science student at Telkom University with strong expertise in data analysis, management, and implementation. Proficient in Python, SQL, R, Golang, and data visualization tools such as Tableau and Power BI. Experienced in leading data-centric projects, designing relational databases, and delivering actionable insights. Strong problem-solving abilities and communication skills, capable of articulating technical concepts to diverse audiences. Eager to contribute to a dynamic team by driving data-driven solutions.

Work Experience

HUMIC Engineering - West Java, Bandung   Sep 2024 - Oct 2024

Data Science Intern

- Conducted data analysis using Python and R to identify trends and insights for various university projects.
- Developed and implemented machine learning models to solve real-world problems, including classification and regression tasks.
- Assisted in deep learning model development, improving model accuracy through hyperparameter tuning and data preprocessing techniques.
- Collaborated with research teams to support data-driven decision-making and automation of analytical processes.

Prodigy Private - Bandung, West Java   Sep 2023 - Present

Freelance Tutor of Math and Physics

- Provided tailored tutoring for students in Math (SD level) and Physics (SMP level).
- Utilized creative teaching methods to enhance student understanding of key concepts.
- Result: Improved student test scores by an average of 18% within three months.

Telkom University - Bandung, West Java   Jun 2023 - Present

Laboratory Assistant of Big Data Laboratory

- Led the research division for relational databases, facilitating study groups and ensuring effective knowledge transfer.
- Managed the lab's social media presence, boosting engagement by 25% through consistent content updates.
- Mentored students in SQL and database architecture, enhancing overall division performance.
- Result: Increased lab participation and project submissions by 20%.

PT. Bio Farma (Persero) - Bandung, West Java   Jul 2024 - Sep 2024

Market Research and Intelligence Intern

- Collected and processed pharmaceutical sales data to identify trends, market share, and product performance.
- Developed interactive dashboards using Power BI and Tableau, improving management's ability to monitor real-time product performance.
- Presented data-driven insights to management, contributing to strategic decision-making.
- Result: Improved sales forecasting accuracy by 15%, aiding the sales team in targeting key markets.

PT. Bhakti Unggul Teknovasi - Bandung, West Java   Nov 2023 - Mar 2024

Freelance of Database Architect

BUT is a company that provides technology solutions (IT) services, media and technology consultancy, intermediation of college research results to user partners (industry, government, society), as well as professional-managed service providers and educational support products.

- Designed and optimized relational database schemas for the Single Data Scheme project for IAIN Madura.
- Improved SQL query performance by 30% through indexing and query optimization.
- Provided technical guidance to ensure best practices in database architecture and documentation.
- Result: Reduced project delivery time by 20%, ensuring scalable database solutions.
- Portofolio Database Schema Integration: bit.ly/DeliverablesProjectSkemaSatuDataIAINMadura

Yuk Hebat   Jun 2023

Freelance Talent Video

- Acted as the on-screen talent in promotional videos, effectively portraying the desired image and message.
- Collaborated closely with the creative team to understand the vision and objectives of each video project.
- Demonstrated a strong on-screen presence and the ability to convey emotions and messages effectively.
- Maintained professionalism and a positive attitude on set, contributing to a productive working environment.
- Ensured that the visual representation in videos aligned with the company's branding and marketing goals.

Telkom University - Bandung, West Java   Mar 2023 - Jun 2023

Assistant Lecturer of Database Design and Implementation

- Assisted in teaching database design principles, provided guidance on assignments and projects.
- Conducted weekly tutorial sessions to deepen student comprehension of complex concepts.
- Result: Increased student satisfaction and performance in the course.

Education Level

Telkom University - Bandung, West Java

Sep 2021 -

Undergraduate Data Science, 3.41/4.00

- The Third Place of SMART CITY HACKATON ACAVERO 2023
- Single Data Schema Project - IAIN Madura

SMAN 01 Cileungsi - Bogor, West Java

Jul 2018 - Jun 2021

Senior High School, Science Major, 84.21/100.00

Organisational Experience

Forcy - Bogor, West Java

Aug 2022 - Jul 2023

Staff Public Documentation Forcy of Grab It Fast 2023

- Responsible for creating, reviewing and editing content for Grab It Fast 2023.
- Successfully improved social media engagement by implementing innovative strategies, resulting in a 30% increase in likes, shares, and interactions.

Telkom University - Bandung, West Java

Aug 2022 - Sep 2022

Staff Public Relation and Consumption of PKKMB Data Science

- Responsible for handling all the cooperation between external and internal parties.
- Handling all the consumption needs that will be needed by the organization.

SMAN 01 Cileungsi - Bogor, West Java

Dec 2019 - Jul 2020

Finance Manager of Japanase Club

- Managed club finances, developed budget plans for extracurricular activities.
- Result: Maintained positive cash flow throughout the year.

SMAN 01 Cileungsi - Bogor, West Java

Sep 2019 - Jul 2020

Marketing Team of Japanase Club

- Successfully managed to sell extracurricular stuffs with a profit 50% that exceeded the previous target

Skills, Sertification & Other Experience

- **Hard Skills**: Programming Languages: Python, SQL, R, Golang, Java.
- **Hard Skills**: Data Visualization: Power BI, Tableau.
- **Hard Skills**: Tools: Microsoft Excel, Microsoft PowerPoint, Canva, Adobe Illustrator.
- **Hard Skills**: Database Management: Database design, SQL scripting, query optimization.
- **Sertification** ⊘ (2021): Python For Beginners - Solo Learn
- **Sertification** ⊘ (2021): Fundamental SQL using SELECT Statement - DQ Lab
- **Sertification** ⊘ (2021): Python Fundamental for Data Science - DQ Lab
- **Sertification** ⊘ (2021): R Fundamental for Data Science - DQ Lab
- **Sertification** ⊘ (2021): Go - Solo Learn
- **Achievements** ⊘ (2021): The Third Place of SMART CITY HACKATON ACAVERO 2023