FAJRI ARDIANSYAH

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South Jakarta, Indonesia

Data Scientist specializing in machine learning and automation across various domains. Experienced in predictive modeling, data engineering, and AI-driven tools to enhance decision-making. Passionate about optimizing workflows using SQL, Python, and Tableau. Skilled mentor and trainer with a proven track record of bridging academic knowledge with real-world applications. Additionally, I co-founded Stageholder, a side venture focused on asset management applications, where I lead sales and contribute to development.

Work Experiences

Indonesia's Ministry of Public Works - South Jakarta, Indonesia   Sep 2024 - Present
Data Scientist

- Design and manage databases for dam monitoring, ensuring efficient data storage and retrieval.
- Develop automation pipelines for hydrology and hydraulic models to streamline analysis and reporting.
- Build machine learning models to predict dam water levels, enhancing decision-making for water resource management.
- Develop an AI chatbot agent that allows stakeholders to interact with databases and retrieve relevant data through natural language queries.
- Generate daily infographic summaries to provide real-time updates on dam status for stakeholders and decision-makers.

Stageholder - South Jakarta, Indonesia   Mar 2024 - Present
Co-Founder (Side Project)

- Created a startup focused on developing an asset management application for tracking company assets efficiently.
- Led sales and business development, securing initial clients and expanding market reach.
- Collaborated with developers to design and improve asset tracking features in the application.
- Managed partnerships and negotiations to drive adoption of the solution in corporate environments.
- Secured 3 pilot clients, resulting in early adoption of the platform.

Cakap - Tangerang, Indonesia   Sep 2024 - Jan 2025
Data Science Vocational Trainer (Freelance)

- Mentor students by providing guidance on technical challenges, problem-solving strategies, and best practices.
- Offer insights from a professional perspective to bridge the gap between academic learning and industry applications.
- Provide one-on-one and group mentoring for final projects, ensuring students apply their knowledge effectively in real-world scenarios.
- Evaluate student progress by grading assignments, projects, and practical exercises while providing constructive feedback to enhance their understanding and skill development.

Cybertrend Data Academy - South Jakarta, Indonesia   Mar 2022 - Aug 2024
Data Science Trainer and Technical Syllabus Specialist

- Crafted detailed training materials to ensure optimal delivery of content.
- Conducted research on learning materials to stay updated with current industry trends.
- Orchestrated a tournament and seminar for the data science community, attracting nearly 1000 participants on every event.
- Specialized in delivering training on SQL, Python, R, KNIME, and Tableau.
- Consistently delivered impactful training sessions, garnering an average feedback rating of 4.7 out of 5

Education Level

Rakamin Bootcamp - Online   May 2021 - Aug 2021
Completed a Data Science Bootcamp Program

- Acquired expertise in SQL, Python, and statistical methodologies to analyze data from data understanding to the evaluation machine learning model.
- Improved the abilities related to emotional intelligence from the empathy engineering class.

Institut Teknologi Bandung - Bandung, Indonesia   Jun 2016 - Oct 2020
Bachelor of Geodesy and Geomatics Engineering, 3.39/4.00

- GPA: 3.39

Certification & Skill

- **Certification**: CompTia Data+, Tableau Desktop Specialist, BNSP Certified Assessor of Competence
- **Hard Skills**: Python, SQL, Tableau, Talend, ETL Pipelines, AI Agent, Git, Docker, AWS Sagemaker, GCP