Muhammad Fharist

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Portfolio I LinkedIn I Bandung

About Me

I'm a data-driven analyst pursuing Data Engineer roles, combining research experience, leadership, and disciplined curiosity to solve complex data problems. During my internship as a Data Analyst at BRIN, I streamlined data workflows to improve processing accuracy and collaborated on a project that later evolved into a Gold Medal-winning WINTEX 2023 innovation, in which I utilized QGIS to transform environmental data into actionable insights. Later, I enhanced my technical foundation through RevoU's Data Analytics program, strengthening my proficiency in SQL, Python, Power BI, and Tableau. I'm eager to apply this blend of analytical rigor and continuous learning to build scalable data solutions that drive measurable impact.

Education

Telkom University   Aug 2020 – July 2024
GPA: 3.78
Bachelor of Computer Engineering
Final Project : Web Development of Bandung City View I Complex

RevoU   Jun 2025 – Sept 2025
Full-stack Data Analysis
Through the RevoU Fullstack Data Analysis course, I built end-to-end skills in business understanding, data preparation with SQL, spreadsheets, and Python, and data visualization using Tableau and Power BI. I also developed strong data communication abilities, enabling me to present insights clearly and drive informed decisions.

Working Experiences

Data Analyst Intern, Badan Riset dan Inovasi Nasional (BRIN)   Jun 2023 – Oct 2023
- **Analyzed and processed 119 herbarium data points using Python and QGIS** to evaluate the environmental impact of Indonesia's new capital relocation, ensuring data accuracy and spatial consistency for reliable analysis.
- **Developed multi-layer thematic maps integrating ecological and geographical data** in QGIS, improving visualization efficiency by 30% and enabling clearer interpretation of complex environmental relationships.
- **Supported researchers through advanced spatial and statistical analysis**, providing insights that improved decision-making accuracy and strengthened the project's scientific validity.
- Led a data-driven innovation project on Indonesia's new capital relocation, winning Gold Medal at WINTEX 2023 by INNOPA, showcasing the application of GIS and data science to transform environmental research into actionable policy recommendations.

Project Experiences

Celestial Object Classification using Sload Digital Sky Survey Data , RevoU   Aug 2025 – Sept 2025
- Collected and cleaned SDSS spectral and observational data in Python (Pandas, NumPy, Seaborn, Matplotlib), preparing tens of thousands of stellar records for modeling.
- Engineered features and classified stars into five spectral classes, validating accuracy with SDSS metadata.
- Developed interactive dashboards in Tableau, Streamlit, and Python to visualize and analyze stellar distributions, accelerating insight generation and enhancing analytical accuracy.

Web Development of Bandung City View I Complex, Telkom University   Nov 2023 – Jun 2024
- Built a web platform using the Laravel framework with integrated RESTful API for external IoT control.
- Developed resident management features including monthly IPL bill checks, admin-controlled billing, and registration system.

Additional Information

Soft Skill : Detail Oriented, Problem-Solving, Analytical Thinking, Communication & Teamwork, Time Management.

Technical Skill : Python, SQL (MySQL), Google BigQuery, Data Visualization (Excel, QGIS), Data Analysis, Data Cleaning, Microsoft Office (Word, Excel, PowerPoint, Outlook, Teams).

Certification:	1. **Certificate of Achievement -** Full-stack Data Analyst, Issued by RevoU	Oct 2025
	2. Big Data Course Certificate – Issued by Alibaba Cloud	Dec 2024
	3. TOEFL ITP – Score : 567	Nov 2024