Muhammad Fauzan Rizky Ramadhan

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Fauzan's Portfolio Website

SUMMARY

A Data enthusiast, committed to leverage my skills in data analytics and problem-solving to drive insights. With a background in Information Systems, complemented by hands-on projects and relevant certifications such as Python, Excel, SQL, and Tableau, I am actively shaping my expertise in the data field. Additionally, my experience in leadership roles has honed my teamwork and project management skills within collaborative environments. I am determined to contribute to organizations in roles encompassing data analytics, data engineering, data science, and business intelligence.

EDUCATION

UNIVERSITAS INDONESIA   **Aug 2021 - Aug 2025 (expected)**

Bachelor's Degree in Information System, Faculty of Computer Science

Related Courses: Foundations of Programming I & II, Database, Data Mining & BI, Statistics & Probability, Linear Algebra, Business Management, Web and App Development, Data Structure and Algorithm, Information System Management, etc

PROJECTS EXPERIENCE

ANALYZING INDONESIA STOCK EXCHANGE, Link

- Extracted and Processed Financial Data: Automated data retrieval for 45 companies using Yahoo Finance API, reducing data collection time by 50% and ensuring accuracy through ETL processes.
- Designed a star schema model for financial data, optimizing querying efficiency by 40% and enhancing data analysis capabilities in Google BigQuery.
- Visualized Financial Insights: Created a comprehensive Tableau dashboard, increasing data accessibility and insight generation by 60%, aiding in the strategic decision-making process.

SOCIAL MEDIA SENTIMENT ANALYSIS, Link

- Developed a sentiment analysis application using web scraping with Selenium, enabling analysis of thousands of tweets.
- Built an automated data pipeline for twitter data collection, transformation, and analysis, streamlining process and reducing data gathering time by 70%.
- Empowered users with interactive Streamlit visualizations for real-time sentiment distribution and trend analysis of any keyword.

EXPLORING DATA-RELATED JOBS, Link

- Analyzed Job Market Trends: Conducted a comprehensive analysis of 54,363 job postings for data-related roles, identifying in-demand skills and market trends for data-related jobs.
- Developed an interactive Tableau dashboard, providing dynamic insights into job level distributions, skill requirements, and newest trends. Improving data accessibility and decision-making.
- Utilized Python for data cleaning and manipulation, standardizing and concatenating datasets, which improved consistency and facilitated efficient analysis.

PERSONAL FINANCE, Link

- Streamlined Financial Analysis & Budget Management: Created detailed budgeting dashboards in Microsoft Excel, helps me and others identify and reduce unnecessary expenditures by 10%, leading to more efficient financial planning.
- Investment Tracking: developed investment logs and dashboards, improving portfolio analysis.

VOLUNTEERS AND ORGANIZATIONAL EXPERIENCE

HEAD OF BUSINESS IT CASE COMPETITION, COMPFEST   **Mar 2023 - Nov 2023**

- Managed and led a team of 12 in hosting national-level business-it case competition: Initiated, Planned, Executed, and closed the project.
- Succeeded in providing a competitive environment for over 400 participants of university and high school students
- Partnered with several big tech companies to serve as judges and mentors: Providing strategic guidance to staff on effective partnership engagement and professional communication.

HUMAN RESOURCES MEMBER, PESTA RAKYAT KOMPUTER FASILKOM UI   **Jan 2022 - Apr 2022**
- Facilitated Recruitment Process: Conducted interviews and evaluated 5 candidates for the equipment team
- Supervised Onboarding and Training: Guided and provided feedback to HR team members in organizing staff welcome sessions and knowledge-sharing events, enhancing new staff integration and engagement.

FUNDRAISING MEMBER, BIMBINGAN BELAJAR GRATIS FASILKOM UI   **Jan 2022 - Apr 2022**
- Conducted Market Research: Utilized Google Forms to survey market interest, informing the selection of merchandise items.
- Implemented data-driven sales strategies based on market research, resulting in a boost in merchandise sales and enhanced community engagement
- Event Success: Played a key role in organizing and executing fundraising activities, ensuring the event met its financial goals.

INFORMAL EDUCATION

BANGKIT ACADEMY   **Feb 2024 - July 2025 (expected)**

Machine Learning

Related Courses: IT Automation with Python, Machine Learning with TensorFlow, Data and Deployment, etc.

SKILLS

Machine Learning: Tensorflow, Keras, SKLearn, Pandas, Supervised Learning, NLP, CNN.
Data Visualization & Presentation: Seaborn, Tableau, Microsoft Powerpoint, Microsoft Excel
Data Engineering: SQL, Airflow, ETL, Python
Cloud Platforms: AWS (S3, EC2), GCP (Compute Engine VM, BigQuery)
Project Management: Waterfall & Agile Method, Asana, Notion, Miro
Automation: Selenium

CERTIFICATION

Google: Data Analytics, IT Automation with Python.   Google Certifications
Microsoft: Careers Essentials in Project Management   Microsoft Certificates
DeepLearningAI: Tensorflow Developer, Tensorflow Data and Deployment.   DeepLearningAI Certifications
Hackerrank: SQL Intermediate   Hackerrank Certificates
Datacamp: Data Analyst with Python, Tableau Fundamentals, Excel Fundamentals.   Datacamp Certificates

LANGUAGE

Indonesia: Native
English: 130/160 Duolingo English Test (equivalent to IELTS 7)