

MUHAMMAD FIKRI ROUZAN ASH SHIDIK

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Fourth-year Informatics Engineering student at Syarif Hidayatullah State Islamic University Jakarta with practical experience in data analysis, software development, and technical problem-solving. Proficient in Python, SQL, and modern web technologies, combined with proven experience in team collaboration and project execution. Detail-oriented and committed to leveraging analytical skills to support data-driven decision-making.

WORK EXPERIENCE

DBS Foundation

Feb - Jul 2026

Data Scientist Cohort (Internship)

- Conducted exploratory data analysis, data cleaning, and preprocessing using Python and spreadsheet tools on case datasets.
- Prepared structured analytical reports and data visualizations to effectively communicate findings and trends.
- Collaborated with a multidisciplinary team to complete a comprehensive capstone project based on real-world case studies.

iLC Learning Center

Feb - Jun 2025

Junior Data Scientist (Internship)

- Managed data collection workflows and conducted Exploratory Data Analysis (EDA) using Python.
- Developed interactive dashboards in Tableau and Data Studio to present key operational metrics and insights.
- Implemented classification (Decision Tree, k-NN) and clustering (k-Means) workflows using Orange Data Mining.

VINIX7

Feb - May 2025

Junior Cybersecurity Engineer (Internship)

- Performed Vulnerability Assessment and Penetration Testing (VAPT) using Nessus, OpenVAS, and Metasploit.
- Analyzed network traffic with Wireshark and evaluated wireless security protocols using Aircrack-ng.
- Configured Wazuh SIEM for threat monitoring and supported digital forensic investigations using Autopsy and FTK Imager.

EDUCATION

Syarif Hidayatullah State Islamic University Jakarta

Sep 2023 - Present

Informatics Engineering

- GPA 3.77 of 4.00 (Current)

ORGANIZATIONAL EXPERIENCE

Dapur Seni

Dec 2023 - Jan 2025

Management

- Coordinated operational workflows and inter-divisional communication across organizational exhibitions and events.
- Handled logistics procurement, equipment inventory, and operational budget planning for art events.
- Managed financial administration, fund allocation, and transparent accountability reporting as Event Treasurer.

PROGRAM AND TRAINING

Digital Talent Scholarship - Talent Scouting Academy x Oracle Academy

Feb - Jul 2024

Java Fundamentals & Java Programming

- Implemented Object-Oriented Programming (OOP) paradigms to build modular, maintainable software architectures with clean data structures.
- Developed interactive game logic and collision detection in Greenfoot, ensuring responsive state handling and robust error-handling mechanisms.
- Structured algorithmic simulations in Alice 3, utilizing event-driven programming to optimize logical flow and execution reliability.

CERTIFICATION

Alibaba Cloud Certified Associate System Operator

Apr 2025

Alibaba Cloud

SKILLS

- **Languages:** Indonesian (Native), English (Intermediate).
- **Programming:** Python, JavaScript, TypeScript, PHP, React, Next.js, Laravel, Tailwind CSS, MySQL, PostgreSQL.
- **Soft skills:** Teamwork, Problem Solving, Creativity, Event Management, Time Management.
- **Software and Tools:** Microsoft Office (Excel, Word, PowerPoint), Google Workspace (Docs, Sheets, Slides), Canva, Figma, Data Studio, Google Colab, VS Code, Git, Postman.
- **Interests:** Data Science, Artificial intelligence, Computer Vision, Full Stack Development.