

# Fawwaz Sholehuddin

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I am an undergraduate student in Informatics Engineering with a specialization in Data Science. With a strong foundation in data processing, analytical thinking, and problem-solving, I am committed to delivering disciplined, responsible, and well-structured work, both independently and in teams.

## EDUCATION

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**Universitas Mercu Buana** 2022 – Present

*Bachelor of Computer Science in Informatics Engineering*

GPA: 3.76 /4.00

**SMK Telkom Jakarta** 2019 – 2022

*Vocational High School in Computer and Network Engineering*

## WORK EXPERIENCE

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**PT PUPUK INDONESIA** March – August 2025

*Data Science*

- Supported agricultural geospatial data analysis and crop classification projects using satellite imagery and data science methods.
- Assisted in developing and evaluating machine learning models for crop prediction and monitoring accuracy against official statistics.
- Conducted time-series analysis to identify planting and harvesting patterns across multiple regions.
- Contributed to the optimization and maintenance of company dashboards (OnTrack & SNOP), including data integration, troubleshooting, and visualization improvements.
- Collaborated with cross-functional teams to document processes, prepare reports, and deliver presentations for project evaluation.

**UNIVERSITAS MERCU BUANA** August 2023 - July 2024

*Human Resources Bureau*

- Managed employee documents, including filing and digital archiving.
- Performed document scanning and ensured data accuracy before entry.
- Processed and input payroll and overtime records for faculty and staff.
- Organized information to support HR administrative operations

## ORGANIZATION EXPERIENCE

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**MBVC (Mercu Buana Volleyball Club) – Universitas Mercu Buana** 2023 - 2025

*Equipment Division*

- Coordinated inventory and maintenance of volleyball equipment to support weekly training and inter-university competitions.
- Ensured availability of uniforms, nets, and logistics during matches and internal club events.

## Public Relations Division

- Built and managed relationships with external parties to support club activities and events.
- Promoted MBVC programs and competitions through social media and campus networks to increase student engagement.

## PROJECT

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- **Climate & Rice Production Analysis, IBM Granite AI - Personal Project**  
Analyzing the impact of climate variables on Indonesian rice production (2010–2022) using the IBM Granite model.
- **Data Mining for Criminal Case Analysis – Personal Project**  
Applied C4.5 decision tree algorithm in Google Colab to analyze patterns in criminal law cases involving violence against women.
- **Flag & Object Animation – Team College Project**  
Created a 3D animation in Blender, including a flag simulation and a creative object animation themed “*Roti Bermadu*”.
- **Hospital Patient Data App – College Project**  
Developed a mobile application using Android Studio to manage hospital patient records, including CRUD operations and database integration.
- **Cultural Bridge Website – Team College Project**  
Designed a website prototype using Figma under the theme “*Membangun Jembatan Budaya*” to promote and preserve Indonesian local music culture.
- **Bike Shop Website – College Project**  
Designed an e-commerce website prototype for a bike shop using Figma, focusing on user-friendly interface and interaction design.
- **LAN Network Design with RIPV2 – Vocational Project**  
Built a Local Area Network (LAN) using Cisco Packet Tracer with RIPV2 routing protocol to simulate data communication between multiple subnets.

## CERTIFICATES

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- **Python Data Analysis Bootcamp – Pandas, Seaborn and Plotly**  
*Issued by Udemy, November 2025*
- **Data Classification and Summarization Using IBM Granite**  
*Issued by IBM, October 2025*
- **Python (Basic), SQL (Basic), Java (Basic)**  
*Issued by HackerRank, September 2025*
- **Visualize Your Data Certificate**  
*Issued by Sololearn, September 2025*
- **CCNA v7: Introduction to Networks**  
*Issued by Cisco Networking Academy, July 2023*
- **IT Essentials: PC Hardware and Software**  
*Issued by Cisco Networking Academy, August 2020*

## SKILLS

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|---------------------------------|---|
| <b>Soft Skill</b>               | : Analytical & Strategic Thinking, Problem Solving, Effective Communication, Project Coordination & Time Management, Initiative & Responsibility, Adaptability  |
| <b>Hard Skill</b>               | : Data Analysis (SQL, Python, Excel, Google Sheets, Pandas), Machine Learning & Time Series Analysis (Classification, Regression, Scikit-Learn, TensorFlow), Data Preprocessing & Feature Engineering, Data Visualization & Reporting (Matplotlib, Seaborn, KNIME, Tableau), Dashboard Development & Documentation, Programming & Web Development (Java, C++, HTML, CSS, React) |
| <b>Tools &amp; Technologies</b> | : QGIS, Google Earth Engine, KNIME Analytics, SQL, Snowflake, Google Colab, Tableau, Canva, Figma, Cisco Packet Tracer, Android Studio, Blender   |
| <b>Languages</b>                | : Indonesian, English   |