

# Anaking Faiqal

Data Science Intern | Machine Learning

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## Profile Summary

Data Science and Machine Learning enthusiast with strong foundations in data analysis, statistics, and applied machine learning. Experienced in building end-to-end ML pipelines, from data preprocessing and model development to deployment. Possesses complementary expertise in backend software engineering, able to ship Machine Learning models into API. Comfortable working with large datasets, extracting insights, and collaborating in fast-paced, data-driven environments.

## Work Experience

### Human Plus Institute , Jakarta

Jun 2025 - Sep 2025

Machine Learning Engineer Intern

- Built and deployed YOLO-based Computer Vision systems for warehouse KPI monitoring and real-time traffic detection, achieving 85% accuracy.
- Designed and managed the entire dataset pipeline (collection, cleaning, annotation) to reduce manual labeling time and cost.
- Evaluated model performance using appropriate metrics and iteratively improved results through data refinement.
- Containerized ML models using Docker and exposed them via FastAPI/Flask APIs, enabling integration via CI/CD pipelines (GitHub Actions)

## Education

### Telkom University , Bandung

Sep 2022 - Present

Information System | CGPA: 3.96

- Awarded Outstanding Student at the Faculty Level based on academic performance and achievements in multiple national competitions, highlighting a strong balance between academic rigor and practical excellence.
- Relevant Coursework: Statistics, Data Mining, Database Systems

## Leadership & Organizational Experience

### Coach of AIESEC Future Leaders , AIESEC in Bandung

Nov 2023 - Feb 2024

- Led a team of 11 members through the planning, execution, and successful completion of the event.
- Mentored and provided guidance to participants, helping them develop leadership, teamwork, and problem-solving skills.

### Committee Member, Finance, & Customer Experience , AIESEC in Bandung

Feb 2023 - Jan 2024

- Oversaw participant engagement (80+ attendees), ensuring positive experiences and smooth event operations.
- Managed budgets, cash flows, and financial reporting - achieving project profitability.

## Training & Certifications

### Certified Associate Data Scientist (Professional) - BNSP , Bandung

Issued: Nov 2025

- Earned Certified Associate Data Scientist (BNSP) certification, validating competencies in data analysis, statistical methods, and applied machine learning aligned with national professional standards.

### Bangkit Academy (Google, Tokopedia, Gojek, Traveloka) , Bandung

Sep 2024 - Dec 2024

- Selected as a Distinction Graduate (Top 10%) among 4,000+ national participants in the Machine Learning path, recognized for exceptional performance in technical modules and final project delivery

## Skills

- Machine Learning & Data: Data Analysis, Statistical Analysis, Machine Learning, Deep Learning, Data Preprocessing, Model Evaluation
- Programming: Python, Javascript
- Tools & DevOps: SQL, Scikit-learn, Jupyter Notebook, Docker, GitHub Actions, Swagger
- Backend & Systems: FastAPI, Flask, Node.js, RESTful APIs, System Design

## Projects

### Gloo - Daily Blood Sugar Management App (Bangkit Academy)

Sep 2024 - Sep 2024

- Developed and deployed MobileNetV2 model (96% accuracy) and curated a labeled proprietary dataset (1,046 images)
- Performed data preprocessing, augmentation, and evaluation to improve model generalization.

## Barbershop Financial Management System (Freelance)

Sep 2025 - Nov 2025

- Developed a full-stack financial management system using Laravel, featuring a custom RESTful API that integrates directly with external live systems for real-time data synchronization.
- Managed the entire project lifecycle for a freelance client, from requirement gathering to final deployment and user training, ensuring the technical solution directly addressed business revenue tracking needs.