Anaking Faiqal

Software Engineer | Backend & AI

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Profile Summary

Backend Software Engineer focused on developing robust and maintainable backend services, with experience in API development, database design, and system architecture. Possesses complementary expertise in machine learning and AI, enabling the development of intelligent, data-informed features. Known for strong problem solving skills and a growth-oriented mindset in fast-paced 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.
- 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.

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   **Oct 2025 - Oct 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

- Programming: Python, Javascript, PHP
- Backend & Systems: Node.js, Express.js, Laravel, FastAPI, Flask, RESTful APIs, System Design
- Machine Learning & Data: Data Science, Deep Learning, Data Preprocessing, Model Evaluation, Tools & DevOps: Docker, GitHub Actions, Jupyter Notebook, Swagger

Projects

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.

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)