

MOCHAMMAD FIQI FAHRUDILLAH

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Summary

A proactive Informatics Engineering student with hands-on experience in Front-End Development, AWS Cloud, and Machine Learning. I have successfully migrated a system from Laravel to React, developed a web aggregation project using Next.js, and engineered a backend API with Flask for a machine learning model that detects pediatric dental cavities. I am currently deepening my expertise by independently building a WEB project based on NEXT JS for asset storage and dataset processing from API-based scraping.

Work Experience

CodingCamp 2025 by DBS Foundation – Bandung, Indonesia

Jan 2025 – Jul 2025

Machine Learning Engineer

- Developing an image classification model for pattern detection using Convolutional Neural Networks (CNN).
- Sentiment analysis Neural Language Processing (NLP) of user satisfaction for a mobile application by scraping and analyzing Google Play reviews.
- Marketplace scraping to conduct comparative price analysis on specific products.
- Clustering analysis of the poverty line in Indonesia using K-Means based on the latest dataset from BPS (Statistics Indonesia).
- Final Project: As a ML Engineer team for the early detection of dental cavities using the Random Forest machine learning algorithm.

Internship Social Economic Accelerator Lab – Malang, Indonesia

Aug 2024 – Jan 2025

Fullstack AWS Cloud Engineer

- Developed an automation script to identify a website's technology stack using the Python Wappalyzer library.
- Created scripts for CI/CD automation pipelines using Docker.
- Deployed Nginx on a Linux-based instance.
- Final Project: Served as a Front-End Engineer using Next.js, responsible for implementing and integrating APIs from the backend team.

Internship IT Development Division of Institute Asia– Malang, Indonesia

Aug 2024 – Nov 2024

Front-End Web Development

- Studied and implemented TypeScript within the Next.js framework.
- Converted the UI design from a legacy Laravel application into a new React.js implementation.
- Utilized Git for version control, including branching, merging, and code collaboration.
- Implemented the Tailwind CSS library for front-end styling and component development.
- Connecting to backend APIs to fetch and display data on the front-end.

Project Experience

Soranime Stream - Self Project

Aug 2025 – Present

- Developed a movie storage website integrated with Google Drive as its primary file database.
- Utilized Next.js to build the main user-facing interface.
- Created a separate admin dashboard using Vue.js for content management.
- Engineered the backend services and APIs using Node.js.
- Implemented a web scraper with Selenium to enrich the dashboard's anime data by gathering information from MyAnimeList.
- Utilized an LLM API to rewrite scraped synopses for improved readability and user engagement.

Gigi Sehat - CodingCamp 2025 Capstone Project

Apr 2025 – Jun 2025

- Collaborated with the team in brainstorming sessions to define the initial project design and architecture.
- Conducted extensive research, analyzing numerous academic journals to support the project's foundation.
- Compiled and structured findings from journal research into a custom dataset.
- Established a Git repository to facilitate version control and team collaboration.
- Deployed the Flask-based backend API using the Railway platform.

Education

Asia Institute of Technology and Business Malang - Malang, Indonesia

Sep 2022 – Present

Bachelor of Informatics Engineering, GPA 3.89 /4.00

- Acquired comprehensive knowledge of wireless, networking, and data transmission technologies through simulation tools like Cisco Packet Tracer and GNS3.
- Created a dashboard interface application using Java and NetBeans tools. Studied the implementation of client-side rendering (CSR) for websites using JavaScript.
- Gained experience with non-relational databases, such as MongoDB.
- Studied the Python programming language and implemented it in Computer Vision applications.
- Developed an e-commerce website for a business using the Django server- side programming framework.
- Implemented a website for the AR/VR class using JFrame.

Course, Training and Certification

- Data Classification and Summarization Using IBM Granite - IBM Course, Indonesia

Jun 2025

[Certificate link](#)
- Certificate of Completion CodingCamp 2025 ML Engineer - Dicoding By DBS Bank, Indonesia

Jul 2025

[Certificate link](#)
- Certificate of Completion Fullstack Cloud Engineer - SEAL, Indonesia

Des 2024

[Certificate link](#)
- AWS Academy Cloud Architecting - AWS Training by SEAL, Indonesia


Nov 2024

[Certificate link](#)


Skills

Technical Skills : Python, Javascript, CSS, Tailwind, Bootstrap, Nextjs
Soft Skills : Critical Thinking, Problem Solver, Teamwork
Language : Indonesian (native), English (basic)

CodingCamp 2025 by DBS Foundation Transcript



Coding Camp 2025 Final Transcript



Generated : 3 July 2025

Cohort ID : MC479D5Y0487

Name : Mochammad Fiqi Fahrudillah

University : Institut Teknologi dan Bisnis Asia Malang

NIM : 22201085

Supervisor : Suastika Yulia Riska

Transcript Status : Final

Completion Status : Full Graduate

Learning Path : Machine Learning Engineer

Capstone Team : CC25-CF041

Capstone Status : Finished

Courses/Specialization/Activities	Course Codes	Hours	Suggested SKS	Score (0-100)	Score (A-E)
Memulai Dasar Pemrograman untuk Menjadi Pengembang Software	CC25DCGN01	9	1	84.0	B
Pengenalan ke Logika Pemrograman	CC25DCGN02	6		85.9	A
Belajar Dasar Git dengan Github	CC25DCGN03	15		95.0	A
Belajar Dasar AI	CC25DCML01	10	1	88.5	A
Belajar Dasar Visualisasi Data	CC25DCML02	16		95.0	A
Belajar Dasar SQL	CC25DCML03	11		91.8	A
Memulai Pemrograman dengan Python	CC25DCML04	35	2	85.3	A
Machine Learning Terapan	CC25DCML05	40		88.5	A
Belajar Analisis Data dengan Python	CC25DCML06	30	2	90.5	A
Belajar Fundamental Pemrosesan Data	CC25DCML07	60		90.5	A
Belajar Machine Learning untuk Pemula	CC25DCML08	75	3	90.5	A
Belajar Fundamental Deep Learning	CC25DCML09	90		88.5	A
Capstone / Final Project	CC25CAPP01	250	5	91.2	A
Soft Skills & Career Development	CC25SSCE01	289	6	84.6	B
Total (Hours, SKS) / Average (Score)		936	20	88.4	A

Student's Attendance (Mandatory Meeting)

100.00%

Student's Attendance (All Meeting)

100.00%