

MOH NAUFAL FAQIH

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EXECUTIVE SUMMARY

Computer Systems undergraduate with strong interest in information technology, data analytics, machine learning, and digital banking solutions. Experienced in building machine learning projects, processing data, supporting network deployment, and collaborating in team-based technology projects. Eager to contribute to banking technology, operational efficiency, and digital transformation initiatives.

EDUCATION

Universitas Komputer Indonesia — Bandung, Indonesia

2022 – Present

Bachelor of Computer Systems (S1)

- **GPA:** 3.84 / 4.00
- **Relevant Coursework:** Data Structure, Digital System, Basic Statistics, Calculus, Linear Algebra, Database System, Electronics, Object Oriented Programming, Programming Algorithm, Internet of Things.

PROFESSIONAL EXPERIENCE

PT Berca Herdayaperkasa

Freelance Helper Network Engineer

Feb 2026 – Mar 2026

- Assisted network engineers in installing and configuring network switches in a bank branch server room to support branch connectivity and IT infrastructure readiness.
- Performed connectivity checks, basic troubleshooting, and documentation support during the network installation process.
- Collaborated with engineers and project team members to ensure deployment tasks were completed accurately and on schedule.

Bangkit Academy led by Google, Tokopedia, Gojek, and Traveloka

Machine Learning Cohort

Sep 2024 – Dec 2024

- Led a machine learning capstone team and developed an AI-based classification model using Python and TensorFlow.
- Performed data preprocessing, feature engineering, model training, and evaluation to improve classification performance.
- Coordinated team progress, task distribution, and mentorship reporting throughout the project lifecycle.

PT Pretec Indonesia

Production & Quality Control Assistant

Sep 2021 – Nov 2021

- Assisted in product inspection and defect identification.
- Supported quality checking to ensure compliance with standards.

PROJECTS

1. ArabicMorph — Jamid & Musytaq Classification

Machine Learning Project

- Developed a BiLSTM-based classification model for Arabic noun classification using Python and TensorFlow.
- Performed data preprocessing, feature engineering, model training, and evaluation using classification metrics.
- Applied analytical thinking to improve model performance and interpret evaluation results.

2. Arabic Verb Conjugator

Laravel Web Application

- Built a Laravel-based web application for Arabic verb conjugation and morphology learning.
- Integrated external Arabic NLP resources to process user input and display structured results.
- Developed backend logic, database flow, and user-facing features to improve usability.

3. Clustering Web App

Machine Learning & Flask

- Built a Flask-based clustering web application using Python and scikit-learn.
- Applied K-Means, Elbow Method, and Silhouette Score to analyze data patterns.
- Presented clustering results through visualizations to support data-driven interpretation.

SKILLS

- **Programming:** Python, JavaScript, PHP, MySQL.
- **Data & ML:** Pandas, NumPy, Scikit-learn, TensorFlow, Data Preprocessing, Model Evaluation.
- **Web Development:** Laravel, HTML, CSS, Tailwind CSS, Flask.
- **Tools:** Visual Studio Code, Jupyter Notebook, Git/GitHub, Postman.

CERTIFICATIONS

- DeepLearning.AI TensorFlow Developer — Coursera
- Machine Learning — Coursera
- Supervised Machine Learning: Regression and Classification — Coursera
- Unsupervised Learning, Recommenders, Reinforcement Learning
- Natural Language Processing in TensorFlow — Coursera