

NAZHIF HAIDAR PUTRA WIBOWO

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A Bachelor of Engineering graduate in Information Systems and Technology from Institut Teknologi Bandung. He is passionate about software engineering and data science. He is known for his attention to detail, problem-solving skills, and ability to listen to others' thoughts. Eager to apply his versatile skills to real-world challenges, he aims to contribute to technology-driven solutions.

Education

Institut Teknologi Bandung, Information Systems and Technology2021 – 2025

GPA: 3.56/4.00

Relevant coursework: AI, Software Engineering, Algorithm and Data Structure, OOP, Mobile Development.

Experience

Himpunan Mahasiswa Informatika ITB – BandungAug 2022 – Aug 2023

Supervising Commission DPP HMIF – Deputy Head

- Supervise two divisions in executive committee of HMIF
- Coordinate with the Head of Commission to held Accountability Report Event every semester

PT. Ereсто Digital Solution – BandungJun 2024 – Aug 2024

Software Engineer (Internship)

- Working with a team of 3 members as mobile developer and AI Engineer.
- Develop an e-commerce app for beauty products and additional AI-based features such as AI assistant and skin condition analysis.

Bangkit Academy: Machine Learning PathAug 2024 – Dec 2024

- Learned machine learning from basic python to advanced usage of TensorFlow
- Developed a music artist mobile application that utilizes machine learning for its recommendation system, working together with members from cloud computing and mobile development paths.

Projects

INFASTQ

- Developed an automated donation box to solve inefficient money counting for mosques as **Backend, AI, and IoT Engineer** that utilizes **ESP32 Arduino, Django, React, Python, Scikit-learn, XGBoost.**
- Used a color sensor and ESP32 to detect money. The data was sent to a backend system to determine value, calculate totals, and log daily donations.

Final Project ITB

- Developed and compared NARM and SR-GNN models for a session-based recommendation system using Amazon e-commerce data utilizing **PyTorch, PyTorch Geometric, Optuna.**
- Selected the best-performing model and hyper-parameter-tuned it, and achieved a Recall@20 of 28%.

TuneHive

- Worked as **ML Engineer** and coordinated with other 5 members to build a session-based music recommendation system for an indie music platform utilizing **TensorFlow.**
- The system recommends songs based on a user's current listening history.

X Beauty App

- Worked as **Mobile Developer** and **ML Engineer** coordinated with other two members to develop semantic segmentation models (using SegFormer) to classify face traits like acne, oiliness, or dryness.
- Implemented an AI chatbot and face analysis features for a mobile application utilizing **Expo React Native, TensorFlow, PyTorch**

Achievement

- Finalist Compfest 16 Data Analytics Dash
- Finalist Compfest 16 AI Innovation Challenge
- Finalist GEMASTIK XVI 2023 IoT, Embedded System, and Smart Device Division
- Finalist GEMASTIK XVII 2024 Data Mining

Skill Highlights

- Python, JavaScript,NextJS, React, Flutter, React Native, SQL, Java, Go, TensorFlow, PyTorch
- Indonesian, English