Hafid Nur Azis

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SUMMARY

Computer Science undergraduate at Universitas Dian Nuswantoro with a strong passion for technology, particularly in Machine Learning, DevOps, web development, and software engineering. Previously worked as a drafter for over three years, honing attention to detail and problem-solving skills. Seeking a back-end developer intern position to gain practical experience and apply my technical skills to solve real-world problems.

EDUCATION

Bachelor of Informatics
Universitas Dian Nuswantoro
2022 – Present
GPA 3.87/4.00

Vocational High School Diploma in Teknik Gambar Bangunan
SMK Negeri 7 Semarang
2016 – 2020

SKILLS

Technical:
- Programming Languages: PHP, Python, Javascript
- Frameworks and Libraries: Laravel, Flask, Express, Flutter
- Databases: MySQL, MongoDB
- Version Control: Git, Github
- Operating Systems: Familiar with Windows and Ubuntu Server (basic knowledge)
- Cloud Services: Basic knowledge of AWS and Azure
- Architectures: Basic understanding of MVC architecture
- Skills: Machine learning, computer vision, web development, mobile programming

Soft Skills:
- Strong leadership with experience in planning and task delegation.
- Quick learner with a solid foundation in web development, machine learning, networking, and DevOps.
- Developing communication and public speaking skills for better collaboration.
- Committed to improving motivation and resilience to tackle challenges.

WORK EXPERIENCE

Drafter
CV Dwi Manoenggal Sejati, Semarang
January 2024 – December 2024
- Provided drawings for the Musrenbang project across 10+ locations in Semarang Timur and Semarang Selatan.
- Coordinated with various stakeholders to ensure smooth project execution and compliance with timelines.

Construction Supervisor
CV Astanova, Semarang
March 2022 – October 2023
- Created 3D models and developed working drawings for 3+ renovation and new construction projects.
- Prepare the cost estimates (RAB) and established time schedules, monitoring progress to ensure project milestones were met.

Drafter
PT Maswindo Bumi Mas, Semarang
November 2020 – March 2022
- Produced working drawings based on architect designs for multiple private projects.
- Collaborated with estimators by providing accurate drawings for cost calculation references.

PROJECTS

YelpCamp

Technologies: Express, MongoDB

Developed a web application that lists campgrounds, allowing users to view information such as location maps, descriptions, and reviews. Built as part of the Udemy course "The Web Developer Bootcamp" by Colt Steele.

Github Repository

Quantum Machine Learning

Technologies: Qiskit Machine Learning

Conducted an individual project for Quantum Computing course, implementing quantum computing technology in machine learning. Focused on binary classification using a Quantum Neural Network (QNN) with the Dry Bean dataset, selecting a small subset of data.

Github Repository

News Website Back-End

Technologies: Flask, PostgreSQL

Developed the back-end API for a simple search engine that allows users to search for specific keywords in news documents stored in a PostgreSQL database. The API provides relevant search results from the news dataset.

Github Repository

IdeaGo Front-End

Technologies: Astro, React, TailwindCSS

Contributed to the front-end of IdeaGo, a platform connecting business creators, investors, and freelancers. This project won 2nd place at the AstroFest Mini Hackathon from STT Nurul Fikri. Responsible for front-end development using the Astro framework, React, and TailwindCSS.

Github Repository

Vehicle Classification

Technologies: Flutter, Python, Flask

Led a team of four in a final project for Artificial Intelligence course, developing a mobile app front-end using Flutter and back-end API with Flask. Successfully guided the team to complete the project with high quality and within the strict deadlines.

Github Repository

CERTIFICATIONS

- Belajar Jaringan Komputer untuk Pemula, Dicoding — Issued: Dec 2024
- Belajar Dasar-Dasar DevOps, Dicoding — Issued: Nov 2024
- Belajar Machine Learning untuk Pemula, Dicoding — Issued: May 2024
- Memulai Pemrograman dengan Python, Dicoding — Issued: Mar 2024

LANGUAGES

Indonesia: Native
English: Basic