

# Hafid Nur Azis

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## SUMMARY

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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

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### 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

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### 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

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### 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

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### 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

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- 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

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Indonesia: Native

English: Basic