

Hilmi Muzhaffar Ibni Aziz

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SUMMARY

Bachelor of Informatics graduate from Universitas Sebelas Maret (UNS) seeking a career opportunity as an IT programmer. Skilled in web development, backend programming, and data science, with hands-on experience using Python, JavaScript, and PHP. Familiar with modern frameworks such as Laravel, Flask and NodeJS for backend development. Quick to adapt and eager to explore new technologies beyond current expertise to support dynamic development needs.

EDUCATION

Bachelor of Informatics

July 2020 – December 2024

Universitas Sebelas Maret – Surakarta, Jawa Tengah

- Graduated with a GPA of 3.69 / 4.00
- Completed a thesis titled “Student Dropout Prediction Performance Improvement Using Weighted Stacking Ensemble Classifier”

ORGANIZATION

Staff

February 2021 – January 2022

Himpunan Mahasiswa Informatika

- Served in the Interest and Talent division, supporting student engagement activities and events
- Contributed to the development of teamwork and communication skills through collaborative project planning
- Gained valuable soft skills relevant to software development, including coordination, adaptability, and interpersonal communication

PROJECTS

Advanced Database Final Project: Golf Cart Reservation

September 2023 – December 2023

Team Leader

- Led the development of a web-based application to manage golf cart reservations
- Designed and implemented role-specific features for admin, user and driver
- Used Laravel Framework and Oracle Database to build the system
- Repository link: <https://github.com/hilmimz/golf-cart-reservation>

KKN MBKM UNS Main Work Program: Newcoral Ecofriendly Point of Sale

July 2023 – August 2023

Application

Fullstack Engineer

- Developed a web-based Point of Sale (PoS) system for Newcoral Ecofriendly, an MSME in the fashion sector
- Integrated barcode scanner and thermal printer hardware into the system
- Deployed the application using web hosting with a custom domain
- Used Laravel Framework and MySQL Database to build the system
- Repository link: <https://github.com/hilmimz/pos-newcoral-ecofriendly>

Startup Campus Final Project: API Fashion Campus

October 2022 – December 2022

Backend Engineer

- Designed and developed RESTful APIs for a fashion e-commerce platform using Flask, SQL Alchemy, and MySQL
- Implemented soft delete logic to preserve customer order history and ensure data consistency
- Deployed the system on Google Cloud Platform (GCP) with Apache Web Server acting as a reverse proxy
- Repository link: <https://gitlab.com/hilmimuzhaffar15/SCartemisFP>

Web Programming Final Project: Car Rental Dashboard

April 2022 – July 2022

Team Member

- Collaborated in developing a web dashboard for managing car rental transactions
- Used Laravel Framework and MySQL Database to implement core functionalities
- Repository link: <https://github.com/hilmimz/rental-mobil>

COURSE

Backend Engineer Track

August 2022 – December 2022

Startup Campus Bootcamp

- Completed an intensive backend development program focused on building scalable and production-ready web applications
- Studied topics such as object-oriented Python, RESTful APIs with Flask, database modeling with PostgreSQL, containerization with Docker, workflow automation using Airflow, and CI/CD practices
- Final project: implemented the backend architecture for an e-commerce web application

SKILLS

Hard-skill	Laravel, Flask, NodeJS, ExpressJS, Python, PHP, JavaScript, HTML, CSS, Tailwind CSS, MySQL, and PostgreSQL
Soft-skill	Teamwork, good time management, willingness to learn new things
Bahasa Indonesia	Fluent
English	Intermediate