

NAWWAF ZAYYAN M.

BACK END DEVELOPER

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SUMMARY

I am an undergraduate Software Engineering student at Vocational School, Gadjah Mada University, Yogyakarta, Indonesia. I have a strong interest in backend development and possess both technical and soft skills that support my growth in this field. I am eager to enhance my skills and gain hands-on experience through organizational activities, volunteering, and internship opportunities. I hope to contribute meaningfully while learning to become a more professional and experienced individual in software development.

ORGANIZATION AND EVENTS

LIGA TRPL 2025

Oct 2025 - Present

Staff of Public Relation and Publication

- Managed external communication through social media and digital platforms
- Created and published content to increase audience awareness and participation
- Collaborate closely with other division to ensure consistent branding
- Contributed to event documentation, including broadcast messages, live report story, social media feed, etc.

Tech Enthusiast Day (TED) UGM 2025

Sep 2025 - Present

Sub-Coordinator of Logistic and Consumption Divison

- Assisted in managing and distributing equipment for the event
- Supported budgeting and resource planning to ensure smooth operational
- Helped identify and communicate with suppliers to meet price and quality standard
- Practice effective time management to maintain productivity to tight schedules
- Collaborate closely with other division to ensure seamless coordination and communication

Association of Sotware Engineering Student (ASSETS) UGM

March 2025 - Present

Staff of Public Relation and Publication

- Manage internal and external communication to strengthen ASSETS public image
- Created and published content to promote organizational programs and events
- Distributed digital media materials, including broadcast, social media caption, etc.
- Collaborate with other division to ensure effective information delivery branding consistency
- Engaged members through social media to enhance participation

EDUCATION

Diploma of Software Engineering Technology

2024 - Present

Universitas Gadjah Mada

GPA : 3,89

Mathematics and Science

2021 - 2024

SMA Negeri 4 Surakarta

CERTIFICATIONS

- Intro to Machine Learning | Kaggle | 2025
 - Pandas | Kaggle | 2025
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PROJECTS

SIWASIS (Sistem Informasi Keuangan Wasis)

Nov 2025

Back-End Developer

- Developed the backend architecture for SIWASIS, a web-based citizen information management system for *Pemuda Desa WASIS* using **Laravel**
- Implemented role-based authentication and authorization for residents (read-only) and admin (full CRUD operations)
- Built and maintained multiple backend modules, including financial management, document management, and community news publishing
- Developed RESTful APIs to support dynamic dashboards displaying real-time financial summaries and analytics
- Integrated secure file upload and download features for financial reports and administrative documents
- Collaborated with frontend developers to ensure seamless API integration and reliable data flow throughout the system

CAV Store

April 2025

Full Stack Developer

- Designed and developed CAV Store, an online shopping platform built with **native PHP, MySQL, HTML, CSS, and JavaScript**, supporting both admin and user roles
- Implemented authentication, authorization, and session management to secure user and admin access
- Built responsive front-end interfaces for browsing products, managing carts, and processing orders
- Focus on clean UI design, usability, and maintainability to deliver a reliable shopping experience

Machine Learning - Salary Prediction Using Linear Regression

Nov 2025

Data Scientist

- Built a salary prediction using Linear Regression to estimate employee salaries based on years of experience using **Python**
 - Preprocessed and visualized data using **Pandas, NumPy, and Matplotlib** for exploratory data analysis
 - Demonstrated understanding of supervised learning, regression analysis, and data-driven decision making
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COMPUTER SKILLS

- **Programming** : Python, Java, PHP, JavaScript
- **Framework & Libraries** : NextJS, ReactJS, Laravel, Pandas, NumPy, scikit-learn
- **Databases** : MySQL, Oracle
- **Tools & Technologies** : Git, GitHub, Visual Studio Code, Docker
- **Other Skills** : RESTful APIs, Data Analysis, MVC Architecture