

NAUFAL ALTAF

Tangerang Selatan, Banten
Indonesia

naufal@altaf.xyz
www.altaf.xyz
@nawocci

github.com/nawocci

An ambitious Information Systems student in their fifth semester with a keen interest in web and mobile programming. Excited to enhance their skills and explore new technologies, aiming to master web and mobile development.

EXPERIENCES

Bangkit Academy Mobile Development Cohort

Aug 2024 - Dec 2024

- Master materials such as Basic Kotlin, Fundamental Android and Intermediate Android and understand software design principles through SOLID Paradigm.
- Gain insight into Artificial Intelligence and Applied Machine Learning to create innovative and advanced Android applications.
- Completed a Capstone Project, gaining real-world experience in managing projects from planning to execution.

Program Kreativitas Mahasiswa Gagasan Futuristik Tertulis (GFT)

Jun 2023 - Nov 2023

- Gained insights into developing futuristic solutions while addressing complex technical and design challenges.
- Enhanced skills in teamwork, problem-solving, and implementing innovative technologies in real-world applications.
- Collaborated with a multidisciplinary team, applying research, design thinking, and technology to create a solution that blends entertainment and safety in daily commute and driving.
- Designed a heads-up display (HUD) for the glasses to enhance the driving experience, similar to the integration of navigation and maps in car racing games.

Frontend Developer

Apr 2021 - Present

- Built various simple web applications, focusing on clean design and functionality, using JSP, React and Tailwind CSS.
- Gained hands-on experience in creating responsive user interfaces, implementing state management, and integrating REST APIs for seamless CRUD functionalities.
- Enhanced problem-solving and debugging skills while working on personal projects, ensuring efficient and user-friendly web solutions.
- Designed and deployed apps that demonstrated knowledge of modern frontend frameworks and backend development principles.

EXPERIENCES

Personal Blog (2021 - Present)

Maintaining

altaf.xyz

A personal website built using NextJ to practice both frontend and backend development skills, while also serving as a platform for writing.

Plantanist: Leaf Disease Identification App (Aug 2024 - Jan 2025)

Completed

github.com/nawocci/plantanist

github.com/nawocci/plantanist-backend

Developed a mobile app that uses TensorFlow for image recognition to identify plant diseases based on leaf images. Integrated Firebase for user authentication and database management, with GCP for hosting the backend.

Academic Information System Scraper (2024)

Archived

github.com/nawocci/flask-sia-scraper

A Flask-based web application that scrapes student data and class schedules from the Mercu Buana University website. The scraped data is then served through a RESTful API for easy access.

Android Kernel Development (2019 - Present)

Maintaining

github.com/nawocci/msm-4.9

github.com/nawocci/msm-4.14

Contributed to the kernel development for Realme 5 Pro and POCO X3 Pro, focusing on optimizing system performance and hardware compatibility. Built and tested custom kernel features for AOSP integration and stability.

SKILLS

Soft Skills

- Problem-Solving
- Adaptability
- Critical Thinking
- Attention to Detail
- Dependability
- Negotiation
- Decision Making

Hard Skills

- | | | | |
|--------------|--------------|---------------------|--------------|
| • HTML | Advanced | • Kotlin | Intermediate |
| • CSS | Advanced | • Node.js | Intermediate |
| • JavaScript | Intermediate | • React | Intermediate |
| • TypeScript | Intermediate | • NextJS | Intermediate |
| • Python | Intermediate | • Tailwind CSS | Advanced |
| • C++ | Beginner | • AndroidX | Beginner |
| • Java | Intermediate | • Linux Environment | Advanced |

EDUCATION

Bachelor Degree on Information System

2022 - Present

Universitas Mercu Buana

LANGUAGES

Indonesian

Native

English

Fluent

CERTIFICATIONS

Certification in Intermediate Android

December 2024

Dicoding Academy

Certification in Intermediate Android

October 2024

Dicoding Academy

Certification in Database Programming

June 2024

Oracle Academy

Certification in Database Design

June 2024

Oracle Academy

Certification in Java Fundamental

December 2023

Oracle Academy

Certification in Java Programming

December 2023

Oracle Academy

Certification in CISCO CCNAv7

August 2023

Cisco Networking Academy