

MUHAMMAD AKMAL ISKANDAR

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SUMMARY

Don't be lazy, keep calm and stay study !

Motivated Informatics graduate with a strong foundation in software engineering and web development. Experienced in building efficient web-based applications using Laravel, MySQL, and modern CSS frameworks like Tailwind and Bootstrap. Proven track record of developing digital solutions for government agencies, educational institutions, and healthcare providers. Passionate about combining robust backend logic with intuitive UI/UX design.

EDUCATION

Diponegoro University

Bachelor of Informatics | GPA: 3.14 / 4.00

Semarang - Indonesia

August 2021 – August 2025

- Relevant Coursework: Software Engineering, Software Architecture Design, Basic Programming, Data Structures, and Computational Mathematics.
- Focus: Web-based application development and technical computer science fundamentals.

WORK EXPERIENCE

Independent Midwife Practice | Bidan Delima

Full-Stack Web Developer

Tegal - Indonesia

April 2025 – August 2025

- Developed a web-based application to facilitate patient management and Electronic Medical Records (EMR).
- Assisted in managing and digitizing patient data to improve administrative efficiency.

Master of Information Systems | Diponegoro University

Web Developer

Semarang - Indonesia

February 2025 – April 2025

- Updated and maintained the department website using WordPress technology.
- Collaborated with cross-functional teams to enhance project delivery and website performance.

Ministry of Investment | BKPM.

Software Engineer Intern

Jakarta Selatan - Indonesia

January 2024 – February 2024

- Built a web-based application for office guard management to improve the efficiency of personnel monitoring.
- Implemented the solution using Laravel technology to streamline internal office operations.

COURSES & CERTIFICATIONS

Coding Camp 2026 powered by DBS Foundation | Dicoding

January 2026

Belajar Pengembangan Aplikasi Android Intermediate | Dicoding

June 2024

Oracle Primavera P6 Professional Project | Oracle Academy

April 2024

Memulai Dasar Pemrograman untuk Menjadi Pengembang Software | Dicoding

February 2024

Database Programming with SQL | Oracle Academy

March 2023

PL/SQL Database Programming | Oracle Academy

May 2023

UI-UX | Build with Angga

August 2022

Diponegoro Big Data School | Diponegoro University

November 2021

SKILLS

- | | | | |
|------------|----------------|--------------|--------------|
| • Laravel | • Tailwind CSS | • MySQL | • HTML |
| • Node.js | • Bootstrap | • PostgreSQL | • CSS |
| • React.js | • GitHub | • MongoDB | • JavaScript |
| • Next.js | • Rest API | • Figma | • PHP |

PROJECTS

Office Sentry Web Based Application

- Office Sentry is a comprehensive management system designed to enhance the operational efficiency of office boys within an organization.
- Implemented the solution using Laravel and Tailwind CSS technology to streamline internal office operations.

Electronic Medical Records (EMR) Web-Based Application

- The system was developed using the Laravel framework and MySQL database, with key features including patient data management, medical record entry, prescription and billing generation, and multi-format report printing.
- System testing was conducted using the Black Box method to ensure all functions meet user requirements.

Correspondence Web-Based Applications

- Developed a web-based correspondence application (Web Penyuratian) using Laravel to assist village officials in managing official letters.

BEM FEB Diponegoro University Website

- Developed the Rumah Lestari (Rumles) page for BEM's environmental initiative.
- Collaborated with a development team using Git and GitHub.
- Created web solutions to streamline program management and improve accessibility.

UI / UX Design with Figma: Build E-Wallet Apps

- Designed a complete E-Wallet mobile app UI/UX from scratch using Figma, applying user-centered design principles.
- Developed a strong understanding of UI/UX fundamentals, including user flow, layout hierarchy, and usability best practices.
- Built a portfolio-ready project under the guidance of an experienced mentor, focusing on real-world UI/UX implementation.