AMINUDIN FADILA

Software Engineer | Machine Learning Enthusiast

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SUMMARY

Dedicated software engineer with 2 years of experience, possessing a strong background in web development and machine learning. Proficient in web technologies like **Laravel**, **Python**, and **Javascript**. Eager to learn and stay updated with the latest industry trends. Contributions include various projects in web development and machine learning, and enthusiasm to explore new opportunities.

PROJECT

E-Medical Report – Lampung Sport Health Center
Front-end, Tech Writer, and QA Tester

- Developed the frontend interface using **Laravel** Blade templating engine to match the UI/UX designer's provided designs.
- Ensured that the user interface was both visually appealing and user-friendly, enhancing the overall user experience.
- Authored comprehensive **User Guides** to facilitate the application's ease of use and user adoption.
- Produced thorough **testing documentation**, ensuring the product met quality standards.
- Conducted rigorous quality assurance (QA) testing to identify and resolve issues, guaranteeing a stable and reliable application for end-users.

Face Attendance with AKAZE Algorithm

- Developed a face attendance system using **Python** and **OpenCV**, leveraging the AKAZE algorithm for **feature detection**.
- Utilized OpenCV for image processing and Python for coding, ensuring efficient and accurate face recognition.
- Employed the AKAZE algorithm to detect and extract robust features from facial images.
- Achieved precise and reliable **facial recognition**, enhancing the accuracy of the attendance system.

EXPERIENCE

KSS Kemiling - Lampung, Indonesia
Programmer (2023-2024)

- Led the development of a **clinic accounting application**, streamlining financial processes such as billing, expense tracking, and reporting.
- Engineered a **stock management system for medicines and supplies**, ensuring optimal inventory control and reducing stock discrepancies.
- Developed an **e-MRS (Electronic Medical Record System)**, enabling seamless patient data management, enhancing accessibility, and improving clinical workflows.
- Utilized expertise in programming and system design to deliver tailored IT solutions for the healthcare sector.

Stalwart Educational and Technologies Sdn Bhd- Kuala Lumpur, Malaysia
Web Developer Intern (2021 – 2021)

- Spearheaded the development of innovative **backend** features for the TutorXcess mobile application during my Web Developer internship.
- Led the creation of the highly anticipated **web app version**, significantly expanding the company's online presence.
- Proficiently navigated complex technical challenges using the **Laravel** framework, resulting in remarkable enhancements to the mobile app's performance and functionality.

EDUCATION

INSTITUT TEKNOLOGI SUMATERA (2019 - 2024)
Bachelor of Informatics Engineering

- Finalist "Veterinary Startup Competition" held by FKH UNSYIAH Aceh 2019.
- Publish paper about sentiment analysis on https://doi.org/10.30871/jaic.v6i2.4300
- 3rd Place in the Digital DigiContest Moodle Plugin 2024, organized by IpayMu.

SKILLS

- Javascript
- PHP
- Laravel
- React JS
- Tutoring
- Machine Learning