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
(live demo username: superadmin pass: lshc)| repository | document

- Developed the frontend interface using Laravel's 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
code and demo

- 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

Institut Teknologi Sumatera- Lampung, Indonesia
Computer Lab Assistant (Feb 2021 – January 2023)

- Excelled in the role of Lab Assistant at Institut Teknologi Sumatera as a dedicated mentor and reliable assistant.
- Proficiently organized and executed laboratory sessions for various subjects, including Data Structures and Algorithms with C++, Object-Oriented Programming with Python, and Fundamental Web Programming using HTML, CSS, JavaScript, and PHP.
- Demonstrated a commitment to excellence, ensuring the seamless execution of laboratory work.
- Served as a respected mentor, guiding fellow students to master complex programming concepts effectively.
- Gained in-depth knowledge during this experience, which strengthened my ability to convey information clearly and effectively.

Stalwart Educational and Technologies Sdn Bhd- Kuala Lumpur, Malaysia
Web Developer Intern (Sep 2021 – Dec 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 (2018 - 2023)
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

SKILLS

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