Audrey Surya Nanditama Hernanto

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I am a fresh graduate in Informatics Engineering from Sebelas Maret University with a strong interest and passion in software development, especially in Web Development. I have experience working collaboratively in teams, strong problem-solving abilities, and a high sense of responsibility. I am detail-oriented, adaptable, and always eager to learn new technologies to create efficient and user-friendly solutions. My experiences with various web frameworks have strengthened my ability to develop dynamic and scalable web applications.

Education

Universitas Sebelas Maret

D3 Informatics Engineering • 2022 - 2025

GPA : 3.76 / 4.00

Internship Experience

Full Stack Developer Intern

February 2024 - June 2024 | Internship at PT Garapan Indonesia Sukses

- Developed an integrated web platform for preventing and managing baby blues in mothers.
- Collaborated in creating the Software Requirement Specifications (SRS) document, ensuring clarity on user needs and system functionality.
- Designed user-friendly UI/UX prototypes in Figma for seamless navigation and interaction.
- Implemented the frontend using React.js, ensuring responsive design and optimal user experience across devices.
- Built the backend using CodeIgniter 4, managing data flow and secure authentication for users.
- Integrated features for real-time monitoring and notifications to assist mothers and healthcare professionals.
- Worked on system testing and debugging to ensure high performance and reliability.

Full Stack Developer Intern

August 2024 - December 2024 | Internship at PT Garapan Indonesia Sukses

- Developed a web-based online exam proctoring system using Flask and YOLOv8 for real-time detection of suspicious behaviors and objects via webcam.
- Implemented automated detection features such as looking away, multiple person detection, and object detection (smartphone, paper, etc.)
- Converted the camera and YOLO detection module into a standalone executable (.exe) application to simplify deployment and client-side usage.
- Designed the backend architecture (Flask + SQLite) for managing student data, exam codes, and proctoring records.
- Built an admin interface to monitor participant activities and display cheating evidence in real-time.

Software Developer Intern

December 2024 - February 2025 | Internship at PT Kereta Api Indonesia (Daop 7 Madiun)

- Developed a full-stack web application using Laravel 10 for catalog management.
- Designed and optimized MySQL (XAMPP) database to ensure system reliability and scalability.
- Applied MVC architecture and Laravel best practices to improve system maintainability.
- Implemented CRUD functionality for the product catalog with auto-generated product codes to standardize data entry.
- Built a transaction system for incoming and outgoing goods to simplify inventory tracking.
- Created inventory stock reports with export features to PDF and Excel.

Final Project

ExamVision

January 2025 - June 2025 | Rancang Bangun Aplikasi Ujian Online Dengan Fitur Deteksi Perilaku Mencurigakan Menggunakan YOLO

- Developed an online examination system using Flask framework and MySQL (XAMPP) database.
- Applied the Software Development Life Cycle (SDLC) methodology from planning to deployment.
- Integrated a YOLOv11-based proctoring system for real-time cheating detection.
- Implemented exam management features including randomized questions, per-question weight, and result management.
- Improved exam integrity and efficiency by combining automated proctoring with online exam management in a single platform.

Soft Skills

- Problem Solving
- Teamwork
- Responsible and Disciplined
- Time Management
- Creativity

Hard Skills

- HTML, CSS, JS, PHP
- React.js
- Laravel
- Python
- MySQL