FAITHZA AZALIA MANDOLANG

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- Faithza Mandolang

SUMMARY

Computer Science graduate majoring in Informatics foundation in software development. Possesses a deep interest in Artificial Intelligence and Web Development technologies. Successfully demonstrated technical expertise through web application development using Flask and Deep Learning model implementation. Proficient in Python, JavaScript, HTML, CSS, and AI technologies, with a proven ability to adapt and collaborate effectively in problem-solving environments.

EDUCATION

Universitas Klabat | 2022-2025

Bachelor of Computer Science

- GPA : 3.94
- Thesis: Implementation of Transfer Learning and LLM for Facial Skin Problem Identification and Skincare Recommendations.

PROJECT EXPERIENCE

Full Stack Developer & DL Engineer | June-November 2025

AI-Based Web Application for Facial Skin Problem Identification (Skinalyze)

- Developed a facial skin problem classification system using Transfer Learning architecture.
- Integrated LLMs to generate descriptive analysis and skincare product recommendations.
- Built a backend based on Flask (Python) and MongoDB to handle image processing and real-time usage data management.
- Deployed the system to a Linux server and managed the software development lifecycle using Git.

ORGANIZATIONAL EXPERIENCE

Member, Multimedia Division | March – April 2025

PRISKLAB Friendly Match 2025

- Responsible for visual documentation (photo & video) and creating graphic design assets for event publication.

Member, Multimedia Division | September 2024

FILKOM DAY 2024

- Managed documentation for the entire faculty event series and supported creative visual content creation for publication needs.

CERTIFICATIONS

Adobe Certified Professional | 2025

Visual Design Using Adobe Photoshop

SKILLS

- **Programming Languages & Frameworks:** Python (Flask, FastAPI), JavaScript (React, Node.js), HTML, CSS
- **Data:** MongoDB, PostgreSQL
- **Artificial Intelligence:** Deep Learning, Machine Learning, Large Language Models (LLM), Web Crawling
- **Tools:** Git, GitHub, VS Code
- **Soft Skills:** Adaptability, Teamwork, Communication, Problem Solving