NICO PRANAMA HADI

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PERSONAL PROFILE

Motivated Computer Science student from Binus University with a strong interest in backend development and Artificial Intelligence. Aspires to build scalable and efficient web application systems that solve real-world problems. Has practical experience with Python for machine learning development, React Native for frontend development, and foundational knowledge in backend development using Golang and database systems.

EDUCATION

BINUS UNIVERSITY - Computer Science   2023-Present

GPA: 3.79

PROJECT EXPERIENCE

LUMINA - AI-Powered Skincare Recommendation Application
Front-end Developer & UI/UX Designer
- Designed a user-friendly user interface in Figma with attention to user experience flow across 10+ screens.
- Developed a responsive mobile frontend using React Native, optimized for various screen sizes.
- Integrated frontend with backend services to upload images and retrieve AI-generated skincare recommendations using external API.
- Implemented 5+ core features including user authentication, image upload with preview, AI-powered skin analysis, personalized skincare recommendations, and history tracking.
- Tested by 50+ users during evaluation, receiving overall positive feedback and insights for further enhancement.
- **Tech Stack**: React Native, Expo, Figma.

DESA WISATA BUMIAJI WEBSITE – PIONEER Tourism Village Web Platform
Full-Stack Developer
- Developed the Articles and Village Profile modules (public pages + admin dashboard) with React, Laravel, and Inertia.js.
- Built responsive frontend interfaces and a scalable backend architecture, ensuring both accessibility and future feature expansion.
- Implemented CRUD features that empowered admins to independently manage content, establishing the village's first official digital presence for tourism and UMKM promotion.
- Collaborated in a 7-member Agile team, using Jira & GitHub for coordination and successfully delivering the platform within 1 month.
- **Tech Stack**: React, Laravel (PHP), Inertia.Js, Jira, MySQL, Figma.

LEGAL CHATBOT FOR UMKM – AI-Powered Legal Assistant
Full-Stack Developer
- Built an AI-powered legal chatbot using LangChain, ChromaDB, and OpenAI embeddings, tailored to help Indonesian SMEs (UMKM) easily access legal information.
- Developed a Streamlit based interactive chat interface with session memory, enabling natural and context-aware conversations.
- Implemented a pipeline to process and embed legal documents (PDF), making them searchable and expandable for wider coverage.
- Integrated a LangChain Agent to handle vague queries by reformulating them, ensuring accurate and context-backed answers.
- **Tech Stack**: Python, LangChain, ChromaDB, OpenAI API, Streamlit, PyMuPDF.

PORTFOLIO - Personal Portfolio Website with Admin Panel
Full-Stack Developer
- Designed and developed a personal portfolio website using Laravel, covering both frontend and backend logic.
- Built a dynamic admin panel that enables real-time content updates through full CRUD operations.
- Created a structured database and implemented backend logic to update and reflect changes on the user-facing portfolio in real time.

- Applied responsive UI/UX design principles to ensure consistent experience across devices.
- **Tech Stack**: Laravel (Blade, PHP), MySQL, Figma.

SKILLS

- **Technical Skills:** Laravel, React Native, PHP, Golang, Python, Figma, MySQL, Expo, TypeScript, Jira, Git, Langchain, ChromaDB.
- **Personal Skills:** Able to work independently and in a team, Detail-oriented and self-motivated, Effective time management, Responsible and reliable under pressure.
- **Languages:** Indonesian (Native) and English (Intermediate to Advanced)