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

MEMORISE - AI-Powered Flashcard Learning Application
Back-end Developer
● Built a centralized backend with Node.js and Express handling all business logic and REST API endpoints.
● Designed a scalable MongoDB schema and integrated Redis caching to improve API performance and reduce database load.
● Integrated AI modules for automatic flashcard generation and personalized learning recommendations.
● Containerized backend services with Docker and automated deployments via GitHub Actions
● **Tech Stack**: Node.js, Express, MongoDB, Docker, Redis, Python.

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.

SKILLS

● **Technical Skills:** Laravel, React Native, Node.js, Express, PHP, Golang, Python, Kotlin, TypeScript, Redis, RabbitMQ, Langchain, Langgraph, Langserve, Docker, ChromaDB, MongoDB, MySQL, Figma, Expo, Jira, Git.
● **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)