

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 Node.js and database systems.

EDUCATION

BINUS UNIVERSITY - Computer Science 2023-Present
GPA: 3.79

VOLUNTEER EXPERIENCE

PIONEER – Community Empowerment Program at Desa Wisata Bumiaji, Batu Jun 2025-Jul 2025

- Volunteered as part of the Web Development Division to build the official website for Desa Wisata Bumiaji, supporting the village's digital transformation and tourism promotion.
- Assisted in conducting a hands-on workshop for local residents, introducing the concept of websites as promotional tools, demonstrating the developed platform, and explaining basic SEO and website management

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**

Programming: Node.js, PHP, Python, Kotlin, TypeScript.

Frameworks: Express, Laravel, React Native, Expo.

Databases: MongoDB, MySQL, Redis, ChromaDB.

Tools: Docker, Jira, Git, Figma

- **Soft 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)