IBMAHENDRA FERDIANSAH

BACKEND DEVELOPER

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PROFILE

I am an active undergraduate student majoring in Informatics at University of Digital Technologies with a strong passion for Backend Development. I possess solid skills in building server-side logic, designing database structures, and managing API integrations. I am highly committed to developing robust, scalable, and efficient digital solutions. Currently seeking opportunities to apply my technical skills in backend engineering to solve real-world problems.

EDUCATION

University of Digital Technologies   2023 – Present
- Bachelor of Informatics | GPA : 3.79 / 4.00

SMK Negeri 5 Yogyakarta   2020 – 2023
- Major in Animation

PROJECT

Personal Portfolio Website   Dec – 2025
- Built a modern, high-performance personal brand website using Next.js and Tailwind CSS.
- Designed a responsive layout to effectively showcase professional profile, technical skills, and project case studies.
- Optimized component architecture to ensure fast loading times and a seamless user interaction experience.

CRUD Book   July – 2025
- Developed a PHP-based backend system for a book management application, handling full CRUD operations.
- Implemented secure user authentication (Login/Logout) and session management to protect administrative routes.
- Managed MySQL database connections using mysqli to ensure optimized data retrieval and category filtering.

Disney Clone   July – 2025
- Integrated The Movie Database (TMDB) API to fetch and manage real-time data for movies and series.
- Implemented dynamic routing and complex data handling using React, Vite, and Tailwind CSS.
- Developed search functionality and logic to filter content based on genres and trending status.

CRUD Product June – 2025
- Engineered a RESTful API for inventory management using Node.js and Express.js, implementing express-fileupload for handling image uploads and static file serving.
- Utilized Sequelize ORM to define schemas and manage efficient data interactions with the MySQL database.
- Integrated the backend logic with a React.js frontend to enable seamless Create, Read, Update, and Delete (CRUD) operations.

ORGANIZATIONAL EXPERIENCE

Unifest (Game & Design Competition) UTDI | Event Division July – 2025
- Coordinated the planning and execution of the Design Competition, specifically overseeing the Poster and UI/UX Design categories.
- Managed event rundown and technical preparations to ensure a smooth flow of the competition.

Public Lecture Himpunan Mahasiswa Informatics UTDI | Publication & Documentation Division Dec – 2024
- Managed documentation workflow, capturing photos and videos for the event.
- Produced and distributed publication content for social media and post-event reports.

Maroon Day Himpunan Mahasiswa Informatics UTDI | Publication & Documentation Division May – 2024
- Executed publication strategies to drive student engagement via social media.
- Handled visual and written documentation for organizational archiving and reporting.

Cadre Training UKM IK UTDI | Logistics & Equipment Division Oct – 2024
- Managed inventory and distribution of logistical equipment for the training.
- Coordinated with the team to ensure operational readiness of all necessary tools.

TECHNICAL SKILLS

Programming	: HTML, CSS, JavaScript, PHP, Java, Python, Node.js, React.js, Express.js, Tailwind CSS
Database	: MySQL, PostgreSQL, MongoDB
Tools	: Microsoft Office (Word, Excel, PowerPoint)
Languages	: Indonesia (Native), English

PORTOFOLIO

https://ibmahendra.vercel.app