

IKHWANUL HUSNA

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Education

University

Expected Graduation: May 2026

Bachelor of Computer Engineering — Minor Web Development

Semarang, Indonesia

- Semarang University — **GPA: 3.78**
- Courses: Web Development Practice, Applied Machine Learning, Artificial Intelligence, Computer Architecture, Blockchain, Internet Of Things, Algorithms and Data Structures, Intro. to Software Engineering

Work Experience

Local Government Office

May 2024 – Present

Web Developer Intern

Semarang, Indonesia

- Developed and maintained a dynamic website for local SMEs using **Next.js**, **TypeScript**, and **Node.js**, improving user engagement and accessibility across multiple platforms.
- Integrated **MongoDB** for database management, optimizing data retrieval processes and ensuring seamless integration with the frontend, leading to a **30% improvement** in website performance.
- Collaborated with cross-functional teams to implement **responsive web designs**, ensuring an enhanced user experience and a **20% increase** in customer satisfaction.

Nova Capital

Sept 2024 – Jan 2025

Data Analyst

Semarang, Indonesia

- Analyzed **crypto market data** using tools like **blockchain explorers** and **cryptocurrency APIs**, identifying key trends and patterns to support data-driven investment strategies.
- Collected and processed **large-scale blockchain data**, creating detailed reports and actionable insights that informed decision-making in the crypto investment space.
- Provided comprehensive **market analysis** and **performance metrics**, generating in-depth conclusions to guide trading strategies and enhance portfolio management.

Semarang University

Jun 2024 – Sep 2024

Web Developer Intern

Semarang, Indonesia

- Developed and deployed a modern **Next.js** website for the **Quality Management Agency**, incorporating **TypeScript**, **Node.js**, and **Tailwind CSS** to enhance the user experience and functionality.
- Transformed the website's design and architecture, improving its responsiveness and modernizing the interface, resulting in a **40% increase** in user engagement and satisfaction.
- Implemented cutting-edge features to ensure the website's **scalability** and **performance**, making it more efficient for managing quality control processes across various university departments.

DryCode

August 2023 – Sep 2023

Web Developer Intern (Remote)

Uttar Pradesh, India

- Developed and deployed a **quiz website** focused on **web development** using **Next.js**, **TypeScript**, and **Tailwind CSS**, creating an interactive learning platform for users.
- Designed and implemented **dynamic quiz features**, including question routing and score tracking, to provide an engaging and educational experience for users.
- Optimized the website's **performance** and responsiveness, ensuring a seamless **user experience** across various devices and improving accessibility for a wider audience.

Projects

Goumkm | Website | Source Code

NextJS | TypeScript | MongoDB | Gemini AI

- Developed and deployed a **full-stack** web application that enhanced digital experiences of 10+ seller MSMEs
- Utilized **MongoDB** for data storage, **NextJS** for a Fullstack Architecture, and TypeScript for type checking.

VocabVerse | Website | Source Code

NextJS | TypeScript | MongoDB

- **Led the development** of a full-stack web application for **English Learner**, utilizing NextJS and TypeScript for the frontend, MongoDB for the database, and a NodeJS for backend

BPM | Website | Source Code

NextJS | TypeScript

- Created a website for **University Program**, using NextJS as a frontend and Tailwind CSS for styling.

Leadership

SmartWeb3 ID | *TikTok* | *YouTube* | *Instagram* **August 2023 – Present**

- Created educational web3 content for **21,000+** users, with **1,200,000+** impressions per month
- Produced web3 tutorials on advanced topics such as **blockchain**, **smart contract**, and **decentralize exchange**

Technical Skills

Languages: HTML5, CSS, JavaScript, TypeScript
Developer Tools: AWS, Postman, PowerBI, Vercel, Git, Azure, Docker, Jira
Libraries/Frameworks: ReactJS, NextJS, NodeJS, MongoDB, MySQL, PostgreSQL