

Muhammad Sopian

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SUMMARY

Frontend Developer with a solid foundation in crafting engaging websites. Proficient in HTML5, CSS3, and JavaScript, as well as frameworks like React and Next.js, with a focus on translating design concepts into responsive web solutions. Passionate about merging design and development to deliver user-centric products that balance functionality with aesthetic appeal.

SKILLS

Programming Languages: JavaScript (ES2015+), TypeScript, HTML, CSS, PHP, Python.

Technology: React, Next.js, Node.js, Laravel, Flask, Tailwind, Bootstrap, Git, Vercel, Docker, Google Cloud.

Soft Skills: Communication, Teamwork, Problem-Solving, Adaptability, Analytic, Presentation.

EDUCATION

Indonesia University of Education 2021 — Present

Education of System and Information Technology GPA: 3.73/4.00

- As Vice Chairman of the Legislature in Student Association, successfully increased organizational work effectiveness by 40% through the implementation of 5 legislative regulations, and actively participated as steering committee in various activities, particularly within the legislative domain.
- Achieved Runner Up position in the Debate Competition at UPI Purwakarta Campus Region (2022)

Bangkit Academy Feb — Jul 2024

Cloud Computing

- Graduated with distinction by being in the top 10%.
- Successfully developed and deployed a scalable backend service for a mobile food recommendation application utilizing machine learning and integrating with the Google Cloud Platform
- Engaged in studying cloud computing, incorporating fundamental principles, system architecture, and its utilization in business contexts.

PROJECT EXPERIENCES

Kukuliner — Food Recommender AI

- Developed frontend using TypeScript and Next.js, with visually appealing styles using Tailwind CSS.
- Developed a robust API backend using Flask (Python), enabling efficient data fetching for the application.
- Set up a scalable MySQL database on Google Cloud SQL, ensuring 99.9% uptime and high reliability.
- Implemented Google Maps API for accurate distance calculations, improving UX with location-based for recommendations at 95% accuracy.
- Integrated a machine learning model using Keras Tensorflow.

PDF Chatbot

- Leveraged Python to implement seamless integration, allowing user to extract, modify, and generate PDF content through natural language interactions with the chatbot.
- Implemented NLP to enhance the chatbot's ability to understand and interpret user queries related to PDF documents.

Netflix Clone

- Built a fully responsive web using Next.js and Tailwind CSS for seamless functionality across all devices and screen sizes.
- Implemented The Movie Database (TMDB) API to fetch and display real-time film data

Spotify Clone

- Built with React for the frontend and styled in with Tailwind CSS.
- Implemented a pre-made playlists to enhance user's music exploration directly on the platform.
- Integrated a user-friendly music player for easy control of playback function like play, pause, and track skipping.