Rafif Ramadhana

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Profile Summary

Recent Bachelor of Science in Computer Science graduate from the University of Lucknow with a strong foundation in software engineering. Skilled in full-stack web development using MERN stack (MongoDB, Express.js, React, Node.js) and Next.js. Experienced in building responsive web applications, e-commerce platforms, and AI-powered projects. Good understanding of databases, including SQL (MySQL) and NoSQL (MongoDB). Skilled in website deployment using platforms such as Vercel, Netlify, and Railway.

Education

Bachelor of Science in Computer Science

University of Lucknow, India

June 2021 – June 2024

- Awarded the ICCR Scholarship Program
- Capstone Project: Developed a responsive e-commerce website with interactive features as part of final-year project.

Skills

- **Programming Languages**: JavaScript, TypeScript, HTML, CSS
- **Frontend**: Next.js, React, Redux Toolkit, Zustand, React Router, Tailwind CSS, MUI, Chakra UI, shadcn
- **Backend**: Node.js, Express.js
- **Databases**: MongoDB (NoSQL), MySQL (SQL)
- **Testing & Code Quality**: Jest, Jasmine, ESLint, Prettier
- **Tools & Deployment**: Git, GitHub, Vercel, Netlify, GitHub Pages, Railway, Vite, npm, VS Code
- **Other Skills**: REST API (Axios, Fetch), Figma to Code, Responsive Design, AI Integration

Projects

1. FounderHub – Startup Directory Web App
- Built a YC-style startup directory using Next.js, Tailwind CSS, and Auth.js for user authentication.
- Deployed on Vercel with responsive design, dynamic routing, and real-time founder profile management.

2. Coffee Shop (Full-Stack E-commerce)
- Developed a full-stack e-commerce website for a coffee shop using React for the frontend and Express.js for the backend, featuring a product cart, user authentication, checkout system, and dynamic menu display.
- Used React Router for navigation and Context API for efficient state management.

3. AI Recipe Generator *(Powered by Mistral AI)*
- Built a React web app that generates recipes based on user-provided ingredients using Mistral AI (Hugging Face).
- Implemented Material UI for UI design and optimized functionality with third-party React libraries.

4. Portfolio Website

- Designed and built a personal portfolio website to showcase skills, projects, and experience with a clean and modern UI.
- Utilized React and Framer Motion to create a responsive, user-friendly layout and animations following best design practices.

Certification

1. Frontend Developer (React) - HackerRank

- Certified in frontend development through a comprehensive skills assessment focused on React, CSS, and JavaScript.

2. JavaScript Algorithms and Data Structures - freeCodeCamp

- Mastered JavaScript fundamentals, including variables, loops, functions, and objects, while applying object-oriented and functional programming to solve algorithmic challenges like string manipulation and logics.

3. Responsive Web Design - freeCodeCamp

- Built responsive web pages using HTML, CSS, Flexbox, and Grid, applying modern layout techniques to create projects like a photo app, a web form, and a blog layout.

4. SQL Certificate - HackerRank (Skills Test)

- Assessed on SQL queries, joins, subqueries, and database management, proving ability to retrieve and manipulate data efficiently.

Leadership and Volunteering Experience

Leader, Indonesian Student Association, Lucknow Chapter

February 2022 – February 2024

- Led an Indonesian student organization in Lucknow and Uttar Pradesh, organizing cultural events, networking meet-ups, and support activities to build a strong student community.
- Served as the main contact between Indonesian students, the University, and the Indonesian Embassy in New Delhi, ensuring smooth communication and addressing student-related issues effectively.

International Student Delegate, G20 Summit - Lucknow, India & Kashmir, India

March 2023 & May 2023

- Represented Indonesian students and youth perspectives at the Y20 Consultation held under India's G20 Presidency.
- Actively participated in workshops with experts, brainstorming sessions, and panel discussions.

Languages

- English (Fluent)
- Indonesian (Native)