

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 web development, JavaScript frameworks, and AI integration. Skilled in React, Next.js, and Tailwind CSS, with experience in building responsive web applications, e-commerce platforms, and AI-powered projects. Proficient in REST API integration, state management, testing, and deployment using Git, Vercel, and Netlify. Have a foundational understanding of backend technologies, including Node.js, Express.js, and SQL databases. Certified in JavaScript, CSS, SQL, and responsive web design from freeCodeCamp and HackerRank. Passionate about software engineering and creating scalable, user-friendly applications, with a strong ability to collaborate effectively with teams and quickly adapt to new technologies.

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 (ES6+), Typescript, HTML, CSS
- **Frontend:** Next.js, React JS, State Management (Redux Toolkit, Zustand), React Router, Tailwind CSS, Material UI (MUI), Chakra UI.
- **Backend:** Node.js (Basic), Express.js (Basic), SQL (MySQL).
- **Unit Testing:** Jasmine.
- **Deployment/Tools:** Vercel, Netlify, GitHub Pages, Vite, npm, ESLint, Prettier, VS Code.
- **Version Control:** Git, GitHub.
- **Other Skills:** AI Integration, REST API Integration (Axios, Fetch API), Converting Figma Designs to Code, Responsive Design.

Certification

1. 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.

2. 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.

3. JavaScript Certificate - HackerRank (Skills Test)

- Validated expertise in ES6, asynchronous programming, closures, and problem-solving through real-world coding challenges.

4. CSS Certificate - HackerRank (Skills Test)

- Demonstrated proficiency in CSS selectors, pseudo-classes, animations, Flexbox, and Grid for modern UI design.

5. SQL Certificate - HackerRank (Skills Test)

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

Projects

1. AI Recipe Generator (*Powered by Mistral AI*)

- Built a React.js 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.

2. Coffee Shop Web Application

- Developed a fully responsive React.js e-commerce for coffee shop platform with a product cart, checkout system, and menu display.
- Used React Router for navigation and Context API for efficient state management.

3. Clothing Store Web Application

- Created a React.js e-commerce website for clothing store with product catalog, cart, checkout, and payment features.
- Integrated Redux Toolkit and Zustand for state management and React Router for navigation.

4. E-commerce (Amazon Clone)

- Developed a fully responsive e-commerce platform featuring product listings, shopping cart, checkout, order management, and delivery tracking.
- Used HTML, CSS, JavaScript and modern responsive design principles for an optimized user experience.

5. 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.

6. Weather App

- Created a responsive weather web application that retrieves and displays real-time weather data for any city using the OpenWeatherMap API.
- Integrated API calls to fetch weather information, including temperature, humidity, and wind speed, providing users with up-to-date weather data.

7. Web Applications & Games

- Created multiple interactive web applications and games, demonstrating proficiency in web development.

- Key projects include: **Travel Journal, Word Guessing Game, To-do List, Calculator, Rock Paper Scissors, Temperature Converter, Dice Roller and Tenzies, Password Generator, Number Guessing Game, Static YouTube Clone, and Stopwatch.**

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 of Lucknow, and the Indonesian Embassy in New Delhi, ensuring smooth communication and addressing student-related issues effectively.

International Student Delegate, G20 Summit - Kashmir, India

May 2023

- Represented Indonesian students and youth perspectives at the Y20 Consultation held under India's G20 Presidency.
- Actively participated in workshops, brainstorming sessions, and panel discussions to address pressing environmental challenges and advocate for international cooperation.

International Student Delegate, G20 Summit - Lucknow, India

March 2023

- Represented Indonesian students at the Y20 Summit held under India's G20 Presidency organized by the Ministry of Youth Affairs and Sport.
- Participated in discussions and workshops with experts, exploring strategies to empower youth in managing modern challenges.

Languages

- English (Fluent)
- Indonesian (Native)

Interest

- **Web Development** – Passion for building dynamic, user-friendly websites and applications.
- **Artificial Intelligence** – Interest in exploring AI integration and its applications in software.
- **Technology & Innovation** – Keeping up with emerging trends in software development and tech.
- **Open Source & Collaboration** – Engaging with developer communities and contributing to projects.