

# Rafif Ramadhana

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## Profile Summary

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Recent Bachelor of Science in Computer Science graduate from the University of Lucknow, with a strong foundation in software development, JavaScript frameworks, and AI integration. Skilled in React, Next.js for frontend and Node.js and Express for backend, with experience in building responsive web applications, e-commerce platforms, and AI-powered projects. Proficient in state management, testing, making API route, authentication and deployment. Have a good understanding of database technologies, including SQL (MySQL) and NoSQL (MongoDB) databases. 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

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### 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

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- **Programming Languages:** JavaScript (ES6+), Typescript, HTML, CSS
- **Frontend:** Next.js, React, State Management (Redux Toolkit, Zustand), React Router, Tailwind CSS, Material UI (MUI), Chakra UI, shadcn.
- **Backend:** Node.js, Express.js, SQL (MySQL), MongoDB.
- **Unit Testing:** Jasmine.
- **Deployment/Tools:** Vercel, Netlify, GitHub Pages, Railway, 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

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### 1. Frontend Developer (React) - HackerRank

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

### 2. React Certificate - HackerRank (Skills Test)

- Validated in core React skills through assessment covering basic routing, rendering elements, internal state management, event handling, ES6 features, and form validation.

### 3. 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.

### 4. 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.

### 5. JavaScript Certificate - HackerRank (Skills Test)

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

### 6. CSS Certificate - HackerRank (Skills Test)

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

### 7. SQL Certificate - HackerRank (Skills Test)

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

## Projects

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### 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. 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.

### 3. Coffee Shop

- Developed a full-stack e-commerce website for a coffee shop using React.js for the frontend and Express.js for the backend, featuring a product cart, checkout system, and dynamic menu display.
- Used React Router for navigation and Context API for efficient state management.

### 4. Clothing Store

- 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.

### 5. 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.

### 6. 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.

## Leadership and Volunteering Experience

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### **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 - 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

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- English (Fluent)
- Indonesian (Native)

## Interest

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- **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.