

Roshan Kumar Rawat

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Summary

Aspiring Software Engineer with expertise in full-stack web development using JavaScript, React.js, Next.js, TypeScript, and Node.js. Skilled in building secure, scalable, and high-performance web applications with responsive UI and clean code. Passionate about problem-solving, learning, and delivering user-focused solutions using modern technologies and best development practices.

Education

Greater Noida Institute of Technology

Bachelor of Compute Application

Percentage 65%

Sept 2022– 2025

Skills

Frontend Technologies: ReactJS, Redux, NextJS, HTML5, CSS3, Tailwind CSS

Backend Technologies: Nodejs, ExpressJS, RESTful APIs, MongoDB, JWT

Dev & Cloud Tools: Git, Docker, Postman, Prisma, Clerk, Github

Languages : JavaScript, TypeScript, Java

Projects

Crypto Tracker

React, coingecko.com/en/api, JavaScript, Tailwind CSS

May 2024

- Developed a responsive cryptocurrency tracking application using ReactJS and Tailwind CSS.
- Integrated the Coin Gecko API to fetch real-time cryptocurrency data, including prices, market trends, and historical data.
- Implemented dynamic search and filtering functionality for seamless user experience.
- Designed an intuitive and visually appealing UI using Tailwind CSS for better user engagement.
- Optimized API calls and state management for enhanced application performance.

Collaborative Code Editor

React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Convex, Clerk, Socket.io

Jul 2024 – Aug 2024

- Developed a comprehensive Stack Overflow-style developer forum to facilitate community knowledge sharing, featuring robust voting, tagging, and a rich text editor.
- Implemented secure authentication with Clerk and CI/CD with Docker, improving deployment efficiency by 50%.
- Tools Used: Next.js, React.js, Clerk, ShadCN, TypeScript, TinyMCE, MongoDB, Tailwind CSS

Ecoforge – Smart Waste Management System

Jan 2024 – Mar 2025

Next.js, TypeScript, Tailwind CSS, Convex, Google Maps API, Web3Auth, Drizzle ORM

- Built a full-stack waste management app to manage garbage collection and recycling.
- Integrated real-time bin status and vehicle tracking using **Convex** and **LocationIQ API**.
- Used **Web3Auth** for secure user login and session handling.
- Designed a responsive UI with **Next.js**, **Tailwind CSS**, and **Framer Motion**.
- Enabled pickup requests and admin dashboard for monitoring and route optimization.
- Handled backend logic and database with **Convex** and **Drizzle ORM**

Achievements

- Participated in National Conference, contributing to dynamic discussion and gaining insights into current industry.
- Engaged in a debate competition, showcasing strong communication skills and the ability to articulate complex ideas persuasively while collaborating with peers to explore diverse perspectives.
- LeetCode: 150+ Problem solved
- GeeksforGeeks: 200+ Problem Solved