

Rahul Singh

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[github](#) | [linkedin](#)

EDUCATION

Bachelor of Technology – Computer Science and Engineering

2022 – 2026

Asansol Engineering College, Asansol

CGPA: 7.06

All India Senior School Certificate – CBSE

2021

India International School, Asansol

Percentage: 75%

All India Secondary School Certificate – CBSE

2019

India International School, Asansol

Percentage: 83%

SKILLS

Languages Javascript | HTML | CSS | C/C++

Frameworks & Tools React.js | Express.js | Postman | Git | GitHub | Tailwind CSS | Node.js

Databases & ORMs MongoDB | SQL | Prisma

NOTABLE PROJECTS

Codrr — Wireframe to React Code Generation Using AI

Live: [Live Link](#) GitHub: [Github Link](#)

Tech Stack: Next.js, NeonDB, GitHub Actions, Tailwind CSS

- Developed an AI-powered web application that converts wireframe images into React code.
- Implemented real-time UI preview, regeneration options, and a design history system for reusability.
- Integrated Google Authentication with user-specific credit-based rate limiting for fair usage.
- Automated monthly credit resets and database cleanup using GitHub Actions cron jobs.

Shopify — E-Commerce Website

Live: [Live Link](#) GitHub: [Github Link](#)

Tech Stack: React.js, MongoDB, Node.js, Express.js

- Built a full-stack e-commerce platform with secure user authentication, product browsing, cart, and checkout functionality.
- Integrated PayPal payment gateway for seamless online transactions.
- Implemented ratings reviews system, ensuring only verified buyers can submit feedback.
- Designed an admin dashboard for product management and order tracking with role-based access control.

Social Network — Full-Stack Social Media Platform

Live: [Live Link](#) GitHub: [Github Link](#)

Tech Stack: Next.js, Tailwind CSS, NeonDB

- Built a social networking platform enabling user authentication, protected routes, and session management.
- Implemented post creation, likes, and deletions with real-time UI updates.
- Designed a friendship system with friend requests, acceptance, and removal.
- Developed a custom friend suggestion algorithm using graph theory concepts.

SkyCast — Real-Time Weather Forecast WebApp

Live: [Live Link](#) GitHub: [Github Link](#)

Tech Stack: HTML, CSS, JavaScript

- Integrated Weather API to fetch and display real-time weather data for any location.
- Implemented geolocation access to automatically detect and show current location weather.
- Added a search functionality allowing users to view weather details for any city worldwide.
- Designed a responsive and intuitive UI for seamless user experience.

STRENGTHS

- Quick Learner
- Critical Thinking
- Consistent
- Multilingual: Fluent in English, Hindi, and Bengali

ACHIEVEMENTS

- Solved good amount of DSA problems on [LeetCode](#)
- Full-Stack Bootcamp Certificate: [View Certification](#)
- I have practiced a good amount of DSA questions and have good foundation in DSA