

Rounak Gupta

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Education

Degree	Institute/Board	Result	Year
B.Tech., Computer Science & Engineering	Babu Banarasi Das Northern India Institute of Technology, Lucknow	8.68	2022 - Present
Senior Secondary	Bihar School Examination Board	81 %	2020 - 2021
Secondary	Bihar School Examination Board	82.4 %	2018 - 2019

Projects

Hospital Appointment Booking Management System

([Link](#))

React, Express, MongoDB, NodeJs, Razorpay, TailwindCSS

Feb 2025

- Developed a full-stack web application for seamless appointment scheduling between patients and doctors. Implemented user authentication, role-based access, and real-time appointment status updates. Utilized MongoDB for data management, Express.js and Node.js for backend logic, and React for an intuitive user interface. Integrated Razorpay for secure online payments.

ScholarNest – A Marketplace for Used Study Materials

([Link](#))

MongoDB, Express, React, NodeJs, Razorpay, TailwindCSS

Jan 2025

- Developed a web platform where students can buy and sell used books, notes, and stationery items. Built using the MERN stack, featuring user authentication, product listings, search and filter options, and a chat system for negotiations. Integrated Razorpay for secure payments and optimized database management with MongoDB.

Portfolio

([Link](#))

NextJS, TailwindCSS, Web3forms, Vercel

Dec 2024

- Developed a personal portfolio using Next.js to showcase projects, skills, and achievements. Integrated Web3Forms for seamless contact form submissions. Designed a responsive and visually appealing UI with smooth navigation and optimized performance.

Awards

- Top 25% World Rank on Leetcode.
- Top 3rd Rank on Geeksforgeeks and Academics in Campus
- AIR 58th Rank on Code Studio Weekly Contest 145.
- AIR 233th Rank on Code Studio Weekly Contest 143.

Skills & Interests

- Languages:** C/C++, Java, JavaScript, HTML, CSS
- Data Structures:** Trie, Segment Tree, Graph, Disjoint-Set-Union, Fenwick Tree, Sparse Tables, etc.
- Algorithms:** Dynamic Programming, Greedy, KMP-Algorithm, Z-function Algo, Recursion, etc.
- Databases:** MongoDB, SQL, MySQL, PostgreSQL
- Frameworks & Libraries:** NextJS, ReactJS, ExpressJS, TailwindCSS, NodeJS, ShadCN, Flask
- Solved 1000+ Data Structure and Algorithmic problems on various coding platforms such as Leetcode, Geeksforgeeks, Codeforces, Codechef, HackerRank, etc.