

Roushan Kumar Singh

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[Portfolio](#)

SKILLS

Languages: Java, C++, Kotlin, C, SQL, JavaScript, Typescript, PHP, Python

Frameworks: React.js, Express.js, Node.js, Rest APIs, Bootstrap, Tailwind CSS, Angular

Databases & Tools: Git, GitHub, MongoDB, MySQL, PostgreSQL, Postman

Soft-skills: Skilled in analyzing and resolving challenges effectively, Strong leadership and team collaboration, Punctual and well-organized, Quick to learn and adapt to new technologies.

PROJECTS

- **Hotel Booking Website** | MERN Stack, Responsive Design | [Visit site](#) | *March 2024 – May 2024*
 - Designed a hotel booking platform that allows users to **search and book hotels** based on **location preferences**. Key features include **user registration, login, profile updates** (username and password), and the ability to leave **reviews and ratings**, ensuring a seamless user experience.
 - Used **MongoDB** for efficient **data management**, created secure **REST APIs** for **CRUD operations, user authentication**, and encrypted data storage, improving system performance by 25%.
 - Developed a full-stack platform using the **MERN** stack to create a **functional, scalable, secure, and responsive user interface** for efficient navigation and booking.
- **Sai store Grocery Website** | Full-Stack, React-Powered, Responsive Design | [Grocery Link](#) | *Sept 2024 – Dec 2024*
 - **Secure User Authentication:** Developed secure **login and signup** systems with **MongoDB**, ensuring safe storage of user data and smooth account management resulting in **100% data protection**.
 - **Product Features:** Enabled users to view **detailed product information**, **add items to the cart**, and **search for specific products** using a built-in search feature.
 - **Order Features:** Designed features for users to **review order details, modify cart items, and cancel orders**, ensuring a smooth and efficient shopping journey.

ACHIEVEMENTS

- Solved **140 + DSA problems** on platforms like **leetcode** ([Check Here](#)), Continually enhancing proficiency in algorithms and data structures through targeted practice.
- Completed a **26-week GeeksforGeeks** training in **C++, DSA, Computer Networks, and Operating Systems**, covering hands on practical coding and development skills. [GeeksforGeeks](#)
- Earned a **12-week NPTEL Certification in Cloud Computing**, gaining in-depth expertise in **virtualization, distributed systems, and cloud service models**, achieving a **score of 61**. [NPTEL](#)
- Achieved proficiency through certification in **Frontend Web Development & PHP**, coding over **200 hours** of hands-on projects resulting in the development of robust web applications with enhanced functionality and user experience improvements. [JavaScript & Node.js](#)
- Developed efficient solutions for **ten challenging programming problems** from scratch while **mastering Data Structures & Algorithms** through the detailed curriculum provided by renowned instructor **Abdul Bari Sir** on **Udemy**. [DSA Certificate](#)

Education

Lovely Professional University, Punjab | Computer Science and Engineering | **CGPA: 8.28** | **2022–2026**

Anugrah Narayan College, Patna | Class 12 (PCM, BSEB) | **Scored 81.4%** | **2020–2022**

Oasis Residential Public School, Hajipur | Class 10 (CBSE) | **Scored 92% – School Topper** | **2019–2020**