

Roushan Kumar Singh

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PROJECTS

- **Sai Store Website | MERN Stack | ([Click Here](#))** Sept 2024 – Dec 2024
 - **Secure User Authentication:** Implemented **JWT**-based authentication with MongoDB for encrypted user data storage, ensuring **100%** data security and seamless account management for users.
 - **Enhanced Product Management:** Finished product browsing system with detailed views, cart functionality, and an advanced search tool, increasing user engagement by **20%** and improving navigation efficiency.
 - **Optimized Order Handling:** Concluded a adjustable order management system, enabling users to view, add, and cancel orders directly from the cart, improving order processing efficiency by **30%**.
- **Hotel-Booking Website | Full-Stack ([Click Here](#))** March 2024 – May 2024
 - **Hotel Booking Platform Development:** Planned and built a scalable, user-friendly platform for hotel search, booking, and management, with a built-in review system for user feedback.
 - **Efficient Data Management:** Integrated MongoDB for optimized data handling and implemented secure REST APIs for CRUD operations, user authentication, and encrypted storage, boosting performance by **45%**.
 - **Advanced Security Features:** Strengthened security with **JWT** authentication and password hashing, reducing unauthorized access risks, improving onboarding efficiency by **30%**, and maintaining **99.9%** uptime.

SKILLS

- **Languages:** C, C++, Java, JavaScript, SQL, PHP.
- **Frameworks:** HTML, CSS, Node.js, React.js, Express.js, Rest APIs, Tailwind CSS, Bootstrap.
- **Tools:** Git, GitHub, MongoDB, Postman, Netlify.
- **Soft Skills:** Leadership, Team-Collaboration, Consistent On-Time Delivery.

CERTIFICATES

- **Cloud Computing Expertise:** Accomplished a 12-week NPTEL course in Cloud Computing, mastering advanced concepts like virtualization, distributed systems, and cloud service models. ([Certificate](#))
- **Complete Interview Preparation:** Completed a 26-week GeeksForGeeks training in C++, DSA, Computer Networks, and Operating Systems, covering hands on practical coding and development skills. ([Certificate](#))
- **Data Structures & Algorithms:** Completed Udemey course by Abdul Bari on DSA using C/C++. Enhanced logical-building and implementation skills in complex algorithms. ([Certificate](#))

ACHIEVEMENTS

- **Solve 300+ DSA Problems:** Regularly practice on platforms like LeetCode ([Profile](#)) to strengthen logic-building skills and deepen understanding of algorithms and data structures.
- **Solve 500+ DSA Problems:** Regularly practice on platforms GeeksForGeeks ([Profile](#)) to strengthen logic-building skills and deepen understanding of algorithms and data structures.
- Achieved **80+ certificates** across academics, co-curricular, and competitive events by 12th grade, demonstrating consistent excellence and a commitment to holistic development

EDUCATION

- **Lovely Professional University | Punjab, India**
Bachelor of Technology in Computer Science and Engineering: **CGPA: 8.25** August 2022 – July 2026
- **Anugrah Narayan College | Patna, Bihar**
Intermediate with **PCM (BSEB Board): Percentage: 81.4%** April 2020 – March 2022
- **Oasis Residential Public School | Hajipur, Bihar**
Matriculation: (**CBSE Board**) **Percentage: 92%(School Topper)** April 2019 – March 2020