

TusharKant Sharma

Roll No.: 21BPH048
Bachelor of Technology
Engineering Physics

+91-7357228476

✉ tksharma230@gmail.com

✉ 21bph048@nith.ac.in

🐙 github.com/tushar453/

🌐 linkedin.com/TUSHARKANT SHARMA

EDUCATION

•National Institute of Technology, Hamirpur

2021-2025

Bachelor of Technology in Engineering Physics

PERSONAL PROJECTS

•Hotel Booking Application (MERN Stack)

User-Friendly Interface, Authentication Authorization, Real-Time Availability, Payment Integration, Filters, Admin Dashboard, RESTful

- * Spearheaded the development and implementation of a high-performance web application using React.js, Node.js, Express.js, MongoDB, and Stripe; achieved 40 percent faster page load times and improved overall user experience.
- * Orchestrated the implementation of a robust and user-friendly user authentication system, resulting in a 50 percent reduction in unauthorized access attempts and a 25 percent increase in customer satisfaction ratings.
- * Crafted a user-centric hotel search interface, optimizing search by dates and preferences while delivering detailed pricing and room availability information.
- * Developed an administrative panel facilitating hotel listing, booking, and user data management, streamlining operations for hotel owners.
- * Enabled secure transactions via seamless payment gateway integration, accommodating diverse payment methods for enhanced user convenience and safety.
- * <https://hotelbook-jet.vercel.app/>

•eCommerce MERN Application

I spearheaded the development of an end-to-end eCommerce platform using the MERN (MongoDB, Express.js, React.js, Node.js) stack.

- * User Authentication: Implemented secure user authentication and authorization mechanisms for seamless and safe user interactions.
- * Product Catalog Management: Developed a dynamic product catalog with intuitive navigation, search, and filter options for easy exploration of products.
- * Shopping Cart and Checkout: Engineered a smooth shopping cart system allowing users to add, remove, and purchase items securely.
- * Order Management: Created an efficient order management system for tracking, processing, and updating order statuses.
- * RESTful APIs: Developed RESTful APIs for seamless communication between frontend and backend systems.
- * Optimized Performance: Implemented performance optimization techniques to enhance the application's speed and responsiveness.
- * <https://e-market-frontend-gray.vercel.app/>

•Personal Portfolio

Conceptualized and executed a responsive portfolio website powered by React.js, demonstrating proficiency in web development skills.

- * Responsive Design: Ensured that the website is accessible and functional on various devices, including desktops, tablets, and mobile phones.
- * Project Showcase: Established a dedicated section to showcase my web development projects with detailed descriptions and links to live demos and GitHub repositories.
- * – <https://tushar-portfolio2.vercel.app/>

TECHNICAL SKILLS AND INTERESTS

Languages:C,C++

Developer Tools: HTML, CSS, JS, Node, Git, Redux

Frameworks:React.js

Cloud/Databases:Mongodb

Areas of Interest:Web Development , Problem Solving

POSITIONS OF RESPONSIBILITY

–**Executive Member**, Abraxas Club,Nit Hamirpur

–**Member**Discipline Club,Nit Hamirpur

–**Volunteer**, National Service Scheme,Nit Hamirpur

ACHIEVEMENTS

– Participation in Smart India Hackathon 2022, organized by the Government of India