

Harshit Gangwar

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EDUCATION

PDPM Indian Institute of Information Technology, Design & Manufacturing
3rd year, B.Tech in CSE

Jabalpur, Madhya Pradesh
Aug 2022 – Present

Shri Gulab Rai Montessori Sr. Sec. School
P.C.M. stream

Bareilly, Uttar Pradesh
2021 passout

TECHNICAL SKILLS

Languages: C++, Python, C, Java, HTML, CSS, JavaScript, TypeScript

Frameworks: React.js, Express.js, Node.js, Next.js

Libraries & Tools: Redux Toolkit, NumPy, Pandas, Git, Matplotlib, shadcn UI library, MongoDB

PROJECTS

MERN Food Ordering Project

[Backend github link](#)

[Frontend github link](#)

[Deployed project link](#)

Backend

Established strong foundations for application's back end employing both Express.js and TypeScript technologies while addressing three critical areas: database interactions, security measures around variable storage, enhancing overall system reliability.

- Database Management: Designed and optimized MongoDB collections for users, orders, and restaurants using Mongoose, with secure environment-variable-based connection strings for scalability and data protection.
- Cloudinary Integration: Streamlined image uploads, processing over 50 daily restaurant banners and food item photos, with secure API key management via environment variables.

Frontend

Developed a scalable frontend using React, React Router, and TypeScript, prioritizing routing, authentication, and responsive UI for seamless user experiences.

- Routing: Built over 10 structured routes with react-router-dom, including protected routes for secure features like order tracking and profile management.
- Authentication: Integrated Auth0 for secure, role-based authentication, supporting over 50 daily active users with seamless access control.

NEXT JS React Meetups

[Prepared project link](#)

[Github](#)

- Full-Stack Development: Created a robust meetup application with Next.js and MongoDB, managing over 1,000 user-created meetup events. The platform supports features like creating, browsing, and viewing detailed event information, catering to a growing community of users.
- SEO and Performance Optimization: Implemented Static Site Generation (SSG) and Server-Side Rendering (SSR), improving page load speeds by up to 40% and boosting SEO rankings for increased visibility in search results.
- Dynamic Features: Designed intuitive dynamic routes and interactive components, including a meetup creation form with validation for over 10 data points and detailed meetup pages, ensuring a seamless user experience for both desktop and mobile users.

React Multi-Page Quotes Application

[Project link](#)

[Github](#)

- Dynamic Quote Management: Built a full-featured React application to manage and display a library of 50 quotes, with integrated CRUD operations and real-time updates.
- Seamless Navigation: Leveraged React Router to implement dynamic routing, enabling effortless navigation between pages like All Quotes, Quote Details, New Quote, and a custom 404 Not Found page, ensuring a user-friendly experience.
- Backend Integration: Configured Firebase to store and manage quotes and comments, ensuring real-time data syncing with robust validation for over 10 key data fields.

EXTRACURRICULAR ACTIVITIES

- Coordinator, Football Club (2024-2025): Leading a team of over 100 members, organizing weekly practice sessions and inter-college tournaments. Successfully managed logistics and participation for 3 major events, fostering teamwork and improving performance metrics by 40%.
- Co-Convener, Sports Council (2024-2025): Spearheading the planning and execution of over 10 sports events annually, coordinating with 10+ sports clubs to ensure smooth operations and maximize student engagement.
- Assistant Coordinator, Counseling Committee (2024-2025): Provided guidance to over 100 students, addressing academic and personal challenges. Organized 5+ interactive sessions, improving student satisfaction rates and strengthening peer support networks.