

# GAURAV SINGH

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## EDUCATION

Thakur College of Engineering and Technology

Mumbai, India

Bachelor of Technology in Computer Science and Engineering – CGPA 9.10

2021 - 2025

## WORK EXPERIENCE

Webxcxes Technologies



Mumbai, India

Frontend Developer - Intern | React.js, React Hooks, Redux, JavaScript, Chart.js

June 2025 - Sept 2025



- Developed **responsive and performance-optimized user interfaces** using **React functional components and Hooks** for healthcare-focused web applications.
- Designed and maintained a **reusable, component-based architecture** and reduced duplication across modules.
- Implemented **Redux** for global state management and integrated **RESTful APIs** in collaboration with backend teams to deliver end-to-end frontend features.
- Developed **dashboards** using **React and Chart.js** to visualize real-time data and support data-driven decisions.
- Improved **application performance** through **lazy loading, optimized rendering**, and efficient **state updates**.

## PROJECTS

Next Boarding | React.js, Node.js, Express.js, MongoDB |  

Jan 2024 - Mar 2024

- Designed and developed a **travel booking application** using **React.js** for the frontend and **Node.js, Express.js, and MongoDB** for the backend.
- Built a **responsive, interactive booking UI**, including seat selection with real-time visual feedback.
- Developed **RESTful APIs** to manage trips, seat availability, bookings, and user data, ensuring smooth frontend and backend communication.
- Implemented **secure authentication features**, including email-based password recovery and user verification.
- Integrated **real-time email notifications** for booking confirmations and status updates, reducing booking errors.
- Implemented **Redux** for **global state management** to handle **user sessions, booking data, and seat selection state** across the application.

Admin 360 | Next.js, MongoDB |  

Nov 2024 - Dec 2024

- Designed and developed an **administrative dashboard** using **Next.js** for both **frontend rendering** and **backend services** via **Next.js API routes**.
- Built **responsive admin interfaces** for managing **customers, orders, and products**, with a strong focus on **usability**.
- Implemented **JWT-based authentication** and **role-based access control** to secure administrative features.
- Managed **Redux** for global state management and optimized **data fetching** to improve application performance.
- Developed **real-time data visualizations**, integrated **Dark Mode**, and ensured **responsive layouts** optimized for desktop and laptop devices.

## TECHNICAL SKILLS

**Programming Languages:** C++, JavaScript (ES6+)

**Frontend:** HTML5, CSS3, React.js, React Hooks, Next.js, Redux, Tailwind CSS, Shadcn UI, Chart.js

**Backend:** Node.js, Express.js, RESTful APIs, Next.js API Routes, JWT Authentication, Nodemailer

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools & Platforms:** Git, GitHub, Postman, Vercel, Render, Figma