

RADHE PATEL

☎ +91 99789 20643 ✉ radhe19patel@gmail.com 📁 [Portfolio](#) 🔗 [LinkedIn Profile](#) 🐙 [GitHub Profile](#)

Education

LJ Institute of Engineering and Technology

Bachelor of Engineering, Computer Science and Engineering

8.19 CGPA

2021 – Present

Ahmedabad, Gujarat

Technical Skills

Languages: Core Java, Python, SQL, JavaScript

Development Frameworks: React.js, Node.js, Express.js, HTML/CSS, Bootstrap

Database: MongoDB, Cluster - Cloud MongoDB (Atlas)

Developer Tools: Postman, VS Code, Jupyter Notebook, GitHub (basics)

Platforms: Vercel, Render

Projects

FoodMania Web Application | (<https://hotel-food-mania.vercel.app/>)

- Engineered a full-stack web application, **Food Mania Web Application**, using **React.js** for the front-end, **Node.js**, **Express.js** for back-end and **MongoDB** for data storage, with a modular architecture to facilitate reusable components, a responsive UI, and a seamless user experience.
- Integrated 2 core functionalities for booking 3 types hotel rooms (Regular, Standard, Luxurious) and reserving 30 dining tables, with dynamic pricing models and customization service options. Built form validation for booking processes, reducing errors by 40%.
- Developed a robust cart solution for food ordering, incorporating real-time item management where user can add, remove, update quantities of items.
- Included a functionality to **estimate delivery time** based on user location, including distance validation, and integrated PDF generation for **generating invoices** related to both bookings and food orders , reducing manual errors by 50%.

BlogMania Web Application | (<https://blogmania-kef3.onrender.com>)

- Developed a server-side rendered web application using **Node.js**, **EJS** and Database enabling dynamic content rendering.
- Implemented user authentication and authorization using **MongoDB**, allowing users to securely sign up and sign in.
- Designed and built **RESTful API** endpoints to enable efficient CRUD operations for reading, creating, and commenting on blogs, allowing all users to view blogs and signed-in users to create any number of blogs and add comments.
- Integrated MongoDB Atlas for managing user profiles, blog posts, and comments with optimized queries and database relationships.
- Deployed on **Render**, delivering an interactive platform for users to create, read, and comment on blogs.

Employee Management System | (<https://employee-management-nu-one.vercel.app/>)

- Developed a frontend application using **React.js** for employee task management with authentication features.
- The system allows admins to assign new Tasks and view tasks status (categorized as new, accepted, completed, or failed) and provides employees with a dashboard to view their tasks.
- Data storage and retrieval are handled using **JSON objects** in **localStorage**, ensuring a seamless user experience.

Hotel Management System | *Core Java*

- The Hotel Management System is developed using **Core Java** for managing functionalities.
- The application supports 4 types of user roles, including Manager, Chef, Waiter, and Helping Staff Member, each with distinct access and permissions.
- Room booking system with 3 types of rooms available: Luxurious, Standard and Regular, each with different functionalities and costs, displaying available rooms.
- Food ordering section displaying available dishes and prompting users to select items.

Certificates and Achievements

- 200+ problems solved on LeetCode** - <https://leetcode.com/u/Radhe-19/>
- Learn Python Programming Masterclass**
- HTML, CSS and Javascript for Web Developers**