

# RADHE PATEL

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🌐 [LinkedIn Profile](#)

🐙 [GitHub Profile](#)

## Education

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### LJ Institute of Engineering and Technology

*Bachelor of Engineering, Computer Science and Engineering*

2021 – Present

Ahmedabad, Gujarat

### Sheth C.M. High School

*Higher Secondary Certificate*

May 2021

Gandhinagar, Gujarat

### Mount Carmel High School

*Secondary School Certificate*

May 2019

Gandhinagar, Gujarat

## Technical Skills

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**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

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### FoodMania Web Application | *Node.js, Express.js, React.js, MongoDB* (<https://hotel-food-mania.vercel.app/>)

- Engineered a full-stack web application, **Food Mania Web Application**, using React.js for the front-end and MongoDB for data storage, with a modular architecture to facilitate reusable components, a responsive UI, and a seamless user experience.
- Integrated core functionalities for booking hotel rooms (Regular, Standard, Luxurious) and reserving dining tables, with dynamic pricing models and customizable service options. Built form validation for booking processes.
- 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.

### BlogMania Web Application | *Node.js, Express, EJS, MongoDB* (<https://blogmania-kef3.onrender.com>)

- Developed a server-side rendered web application using Nodejs, 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.

### Hotel Management System | *Core Java*

- The Hotel Management System is developed for managing a hotel named "The Gourmet Garden Hotel".
- The application allows users to log in as a Manager, Chef, Waiter, or helping staff member.
- Room booking system with 3 room types available: Luxurious, Standard and Regular, each with different functionalities and costs, displaying available rooms.
- Food ordering section that displays available dishes, prompts the user to select items, and asks if they want to continue ordering.

## Certificates and Achievements

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