

# PRADUM PRAJAPATI

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## CAREER OBJECTIVES

I am looking forward to the position of Web Developer to excel and grow in the sphere of Information Technology by obtaining a responsible and challenging position in an organization where I can develop and utilize my skills, add value to the organization I work for and thus prove my worth.

## TECHNICAL SKILLS

- **Programming language** : JavaScript, Python, C++, C
- **Web Development** : Node.js, HTML, CSS, Tailwind CSS, Bootstrap,
- **Library/ Frameworks** : ReactJS, Redux, ExpressJS
- **Version Control** : Git/GitHub
- **Database** : SQL/MySQL, MongoDB
- **Industry Knowledge** : Data Structures, Algorithms, OOPS, DBMS

## PROJECTS

### Project Title : Hotel Management System

- **Description:** Developed a Hotel Management System using C++ programming language with an emphasis on file handling for efficient storage and retrieval of room records within a hotel. Leveraged object-oriented programming principles to design and implement various functionalities, including:
- **Record Management:** Implemented functionalities to add, modify, delete, and display room records.
- **File Handling:** Utilized file handling techniques to store room records persistently, ensuring data integrity and accessibility.
- **User Interface:** Designed a user-friendly interface for easy interaction with the system, including options for room booking, check-in, check-out, and billing.
- **Error Handling:** Implemented robust error-handling mechanisms to enhance system reliability and user experience.

- **Documentation:** Created comprehensive documentation outlining system architecture, design decisions, and usage instructions for future reference and maintenance. This project not only honed my proficiency in C++ programming but also provided valuable experience in software development methodologies and file management techniques.
- **Technologies Used:** C++, File Handling

## Project Title : Online Bus Ticket Booking and Bus Hiring Platform

- **Description:** Developed an innovative online platform using a tech stack comprising HTML, CSS, JavaScript, React for the frontend, and Express.js, Node.js for the backend, with MongoDB as the database. This platform served as a mediator facilitating seamless transactions between customers seeking bus tickets or bus hiring services and bus owners/providers. Key functionalities and features included:
- **User Authentication:** Implemented secure user authentication and authorization mechanisms allowing customers to register, login, and manage their accounts.
- **Bus Ticket Booking:** Developed intuitive interfaces for customers to search for bus routes, view available seats, and book tickets securely, integrating real-time updates on seat availability.
- **Bus Hiring Services:** Created a dedicated section for bus owners/providers to list their services, specify availability, and manage bookings efficiently.
- **Payment Gateway Integration:** Integrated secure payment gateways to facilitate smooth and secure online transactions for ticket bookings and bus hiring services.
- **Real-time Updates:** Implemented real-time updates using WebSocket technology to provide customers and bus owners with instant notifications on bookings, cancellations, and other relevant updates.
- **Responsive Design:** Ensured seamless user experience across various devices and screen sizes by adopting responsive design principles.
- **Scalability and Performance:** Designed the system architecture with scalability and performance in mind, leveraging Node.js for its non-blocking I/O model and asynchronous event-driven architecture.

This project not only showcased my proficiency in frontend and backend development but also provided valuable experience in building scalable, real-time web applications and integrating various technologies to deliver a seamless user experience.

- **Technologies Used:** HTML, CSS, JavaScript, React, Express.js, Node.js, MongoDB

## **ACHIEVEMENTS**

- Python(Basic) Certificate with HackerRank - <https://www.hackerrank.com/certificates/6097399d56ed>
- Problem-Solving(Basic) Certificate with HackerRank - <https://www.hackerrank.com/certificates/93c7c175bb35>
- 5 stars in Python, 2 stars in SQL in HackerRank - <https://www.hackerrank.com/dashboard>
- Solved 70+ LeetCode question based on Problem Solving and Data Structures - [https://leetcode.com/u/Pradum\\_2003/](https://leetcode.com/u/Pradum_2003/)

## **EDUCATION AND QUALIFICATION**

- B. Tech. in Computer Science Engineering from Hi-tech institute of engineering & technology Ghaziabad, with 6.9 CGPA.
- Senior Secondary from UP Board (Patel Memorial inter college Atraulia Azamgarh) in 2019 with an aggregate of 71%
- Higher Secondary from UP Board (Patel Memorial inter college Atraulia Azamgarh) in 2017 with an aggregate of 81%

## **INTERPERSONAL SKILLS**

- Flexible and adaptive to any working environment.
- Dedicated towards the assigned task.
- My extroverted nature helps me to communicate my views in a presentable way.
- Quick learner as I readily learn from others.
- Good problem-solving skills
- Management Skills

## **INTEREST AND HOBBIES**

- Playing & Watching Cricket
- Coding

## **DECLARATION**

I do hereby declare that the above information is true to the best of my knowledge.

**PRADUM PRAJAPATI**