

# Vraj Prajapati

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## SKILLS

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- Languages: C/C++ (Proficient), Python,
- Frontend: JavaScript, React js, Redux, TypeScript
- Backend: Node, Express, Nest js
- Database: MySQL, MongoDB, PostgreSQL
- DevOps- Docker, AWS

## WORK EXPERIENCE

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### Full Stack Developer, BACANCY Technologies

JAN 2025 - Current

(Ahmedabad, Gujarat)

- Designed and developed full-stack applications using MongoDB, Express.js, React.js, and Node.js, delivering scalable and performant solutions with clean, reusable front-end components powered by React and state tools like Redux Toolkit and React Query.
- Engineered secure and efficient RESTful APIs, integrated third-party services, and implemented robust JWT-based authentication/authorization, ensuring data integrity and enhancing application functionality across user flows.
- Optimized database design using both MongoDB and PostgreSQL, while deploying applications on platforms like AWS, Render, and Vercel, leveraging CI/CD pipelines for smooth and automated deployments.

### PHP Software developer, Pooja Infotech

MAY-JUNE, 2023

(Vadodara, Gujarat)

- Built responsive, user-friendly interfaces using HTML5, CSS3, and JavaScript, improving front-end performance and enhancing overall user experience.
- Designed and managed relational database structures using MySQL, contributing to reliable and scalable backend systems.
- Engineered and deployed a new web application integrated with existing software infrastructure, streamlining user workflows and improving accessibility.

## EDUCATION

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### Chandubhai S Patel Institute of Technology (CHARUSAT), Anand

CGPA:9.33

BTech (Computer Science and Engineering), 2025

Coursework: Data Structure, Design, and Analysis of Algorithms, Operating System, DBMS

### Sardar Vallabhbhai Vidyalaya, Vadodara, India

PER:90.1

## PROJECTS

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### Research (Drug Sentiment Analysis)

- Developed sentiment analysis models using prominent NLP-based deep learning algorithms including BI-LSTM, CNN, GRU, Logistic Regression, and Random Forest.
- Explored frameworks like TensorFlow, Keras, and Transformer.
- Performed algorithmic comparisons and sentiment analysis, achieving a notable accuracy of 93% with BI-LSTM, which is 9% more than previous result.

### **SocioFeed (MERN Stack + PostgreSQL)**

- Built SocioFeed, an Instagram-like social media app using the MERN stack with PostgreSQL as the database.
- Implemented features like user authentication, posting, liking, commenting, and following. Designed a responsive UI with React.js and managed secure backend APIs with Node.js and Express.
- Deployed on Vercel with optimized SQL queries for performance. Integrated media upload handling and implemented relational data modelling for scalable user and content interactions.

### **Virtual Wheels – 3D Car Shop | MERN Stack**

- Implemented features for users to view, purchase, and manage cars, enhancing interactivity and user engagement. Built a responsive, user-friendly frontend with React.js, including dynamic filtering, car previews, and smooth UI transitions.
- Created a robust backend with Node.js and Express.js, supporting secure user authentication, role-based access, and API endpoints. Used MongoDB for flexible and scalable data storage of car models, user data, and purchase history.

## **HONORS AND AWARDS**

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### **NPTEL Certification**

- Programming in Modern C++
- Data Structures and algorithms