

# Suzan Mansuri

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Personal Website

## Education

### Parul University

Aug 2022-26(present)

*Bachelor of Technology in Computer Science ( GPA: 7.24 )*

*Vadoara, Gujarat*

- **Relevant Coursework:** Data Structures and Algorithms (C,C++,Python,Java), Prob & Stat in CS , Databases, Networks, Operating Systems, Compiler design, Machine Learning, Software Engineering

### Oxford English School

April 2022

*12th with PCM ( 76.6% )*

*Patan, Gujarat*

- with Mathematics as the primary subject, learned Calculus, Probability, Statistics, and relevant topics of physics and chemistry

## Projects

### GoGuide - Smart Campus Navigator | [Link](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#), [GenAi](#)

- Built "Campus Navigator," a full-stack web application using the **MERN** stack, enabling real-time navigation and detailed listings of events, spots, faculties, Departments.
- Designed (**figma**) and implemented **responsive UI** with React.js and Tailwind CSS, integrated interactive maps and **dynamic routing**, and ensured seamless user experience across devices.
- Developed secure backend APIs with Node.js and Express, utilized MongoDB for structured data storage, and implemented **JWT-based authentication** for user login and role-based **access control**.

### Post-A-Bid - Live bidding Website | [Link](#) | [Next.js](#), [Socket.IO](#), [Prisma](#), [PostgreSQL](#)

- Developed a **real-time auction platform** using Next.js and Socket.IO, featuring dynamic bidding, live event updates, and a **workflow-based notification system** to keep users informed about key auction activities.
- Implemented **secure authentication** with NextAuth, supporting OAuth providers and custom credential flows to ensure scalable user management.
- Built a **robust backend** using Prisma ORM and PostgreSQL, with optimized data models and efficient querying for seamless performance.

### QuizQuarters | [Link](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#), [Socket.io](#), [Redux tool-kit](#)

- Implemented **state management** with Redux Toolkit for efficient handling of user sessions, quiz data, and room states.
- Built a Node.js and Express backend with Socket.IO integration to manage real-time quiz events such as room creation, joining, and live score updates.
- Designed and integrated **MongoDB for persistent storage** of user data, quiz questions, and room history, ensuring scalability and data consistency.

## Technical Skills

**Languages:** Javascript, Python, Java, C, C++, HTML, CSS

**Frontend Technologies:** React.js, Next.js, Tailwindcss, Framer motion, GSAP, Bootstrap

**Backend Technologies:** Nextjs, Express.js Node.js, Socket.IO

**Databases:** MongoDB, PostgreSQL, Firebase, Prisma

**Concepts:** Compiler, Operating System, Authentication, GenAi integration, RESTful API, Database Normalization, Agile Methodology

## Training

### Impact Training Program

May - June 2025

*Talently*

*Vadoara, Gujarat*

- Gained hands-on experience with core data structures (arrays, linked lists, stacks, queues, trees, graphs, heaps, hashmaps, etc.) and key algorithms (**sorting, searching, recursion, dynamic programming, greedy algorithms, backtracking**, etc.) in Java, Python and C++.

## Achivements

- Finalist of **AI/ML hackathon 2024** hosted by MyOnsite Healthcare and **Prayaghraja Mahakumbh Hackathon 2024**
- Decent ranking across multiple programming platforms like Leetcode, hackerrank, Codechef,etc