

ANSH MENDPARA

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EDUCATION

Pandit Deendayal Energy University

Bachelor of Technology in Information Communication Technology, CGPA: 9.46

Gandhinagar, India

October 2021 - July 2025

Ashadeep Vidhyalaya, Surat, India

12th Grade, Percentage: 88.92

June 2020

EXPERIENCE

Front-end Developer

Idonix InfoTech Pvt. Ltd.

Surat, Gujarat

May 2024 - July 2024

- Developed like, follow, and follower functionalities using MongoDB and integrated Clerk for authentication while enhancing UI design with Tailwind CSS, leading to a **35%** boost in user engagement and a **20%** increase in interactivity through OpenAI-generated chat responses.
- Implemented community features that allowed users to create, update, and view profiles, which improved user retention by **25%** and facilitated real-time messaging with Socket.io, supporting **200+** concurrent users and enhancing message delivery speed by **50%**.
- Configured environment variables and conducted test builds, resulting in a **40%** reduction in deployment errors.

ACHIEVEMENTS

- Problem-Solving Achievements:** **LeetCode:** 450+ problems solved, ranked in the top **3%** globally. **Striver DSA Sheet:** 400+ problems solved. **Code360:** 40+ problems solved. **GeeksforGeeks:** 225+ problems solved.
- Certifications:** **Next.js 14 & React** (JavaScript, Frontend Development, React Hooks), **Modern React with Redux** (JavaScript, Redux, State Management), **Programming with Java** (Java, Object-Oriented Programming, Data Structures), **ML A-Z: AI, Python, R + ChatGPT** (Python, R, Machine Learning).

PROJECTS

E-shop Application: Full Stack Development, VS Code, React.js, Socket.io, Nodemailer, Express, Node.js, Mongoose, Stripe, Material UI, JWT, Bcrypt, Redux Toolkit **January 2024**

- Created an e-Shop platform for multiple shop owners, facilitating online business and resulting in a **50% increase in sales**. Enabled a seamless shopping experience for over **50 users**.

Social Media Application: Full Stack Development, React.js, Radix UI, Appwrite, React-DOM, Hooks, React Player, Tailwind CSS, Zod **December 2023**

- Developed a social media platform with functionalities to post images and videos, like, save content, and manage user profiles. Enabled seamless interaction among users, facilitating **community building**.

Hill Climb Racing: Python, OpenCV, Mediapipe

August 2023

- Created a hill-climbing racing game controlled via hand gestures using OpenCV and Mediapipe for hand detection, resulting in an **interactive gaming experience**.

TECHNICAL SKILLS AND INTERESTS

- Programming Languages:** C++, Python, Java, HTML, CSS, R, JavaScript, SQL, Scala, Embedded C
- Developer Tools:** VS Code, GitHub, AVR Studio, Code::Blocks, MATLAB, Appwrite, MongoDB Compass, MySQL Workbench, Postman, PyCharm, GitHub Desktop, Docker Desktop
- Operating Systems:** Windows, Ubuntu
- Database and Back-End Technologies:** Node.js, Express.js, MongoDB, Mongoose, Prisma, Stripe
- Web Development:** React.js, Next.js, HTML, CSS, JavaScript, Tailwind CSS, Radix UI
- UI/UX Design:** Material UI, PostCSS
- Areas of Interest:** Competitive Programming, Full Stack Development, Machine Learning
- Data Science & Machine Learning:** Machine Learning (Regression, Classification, Clustering), Deep Learning, Natural Language Processing, Computer Vision (OpenCV)
- Cloud Technologies:** AWS (EC2, S3), Appwrite (basic)