ANSH JINDAL

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY BHOPAL   Bhopal.MP
Bachelor of Computer Science and Engineering   Expected May 2026
Cumulative GPA: 8.7
Relevant Coursework: Data Structure; Computer Networks; Operating Systems; DBMS;OOP

DELHI PUBLIC SCHOOL AGRA   Agra,UP
CLASS XII
Percentage:94%   May 2022
CLASS X
Percentage:92%   May 2020

PROJECTS

Sociopedia: A Full-Stack Social Media Web Application | *MERN Stack*   Feb 2025
- Developed a social media web application with MongoDB, Express.js, React, and Node.js, incorporating user-friendly content sharing features; personally wrote 5000+ lines of code, ensuring optimal functionality.
- Engineered RESTful API endpoints for core functionalities, including post creation, user authentication (JWT), and real-time comment updates.
- Optimized database performance by implementing strategic indexing in MongoDB, which decreased query response times by 40%.

Pharmacy Management System| *Java, NetBeans JFrame*   Nov 2024
- Developed a comprehensive pharmacy management desktop application using Java and NetBeans JFrame to streamline pharmacy operations.
- Designed an intuitive GUI that reduced the average time for bill generation and inventory checks from 15 minutes to 2 minutes.
- Applied Object-Oriented Programming (OOP) principles to create a robust and maintainable system, enhancing data accuracy and reducing manual errors.

Converge: A Full-Stack Video Calling Web Application| *MERN Stack, Stream SDK* Feb 2025
- Pioneered the real-time video functionality within a MERN stack application by expertly implementing the Stream API and streamlining user permissions, resulting in zero reported access issues.
- Leveraged the Stream API to implement core features such as creating secure video rooms, managing user permissions, and handling real-time audio/video data streams.
- Designed a responsive user interface with React to manage call states and provide a seamless video experience for the end-user.

ACTIVITIES

SIH Hackathon   Sep 2024
- Led the front-end development for a chatbot solution proposed for the Government of Rajasthan's portal.
- Developed a responsive and accessible user interface using **React and Material-UI**, resulting in the team clearing the internal university round.

ADDITIONAL

Technical Skills: Python, SQL, HTML, CSS, Java, JavaScript,Git, Figma,MongoDb,
Languages: Fluent in English;Hindi
Certifications & Training: SmartBridge MERN Stack with MongoDb, Ethnus UI/UX Adobe Certification,Cloud Computing, Marketing Analytics