SANCHIT KULKARNI

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ABOUT ME

I am Sanchit Kulkarni, an Electronics & Computer Science student with a strong foundation in software development, machine learning, and data science. I have worked on diverse projects, including AI-driven applications, web development, and predictive modeling. My experience spans full-stack development (MERN), Python-based machine learning, and database management. Beyond academics, I have actively participated in hackathons, debates, honing my problem-solving and communication skills. I am passionate about leveraging technology to solve real-world problems and continuously expanding my knowledge through hands-on projects and collaborations.

EDUCATION

2022 - Present
Mumbai Unversity

Vivekananda Education Society's Institute of Technology
B.E in Electronics & Computer Science

EXPERIENCE

Nov,2024 - Dec,2024
Syncella Pvt Ltd

Machine Learning Intern
As a Machine Learning Intern, I contributed to managing the technical aspects of projects, including data preprocessing, model development, deployment, and optimization

SKILLS

- Python, JAVA, C++
- MERN Stack
- HTML, CSS, JS
- SQL, PowerBI
- Strong Communication
- Team Management

PROJECTS

- **AI-Based Heart Monitoring App with IoT Integration (Ongoing)**: Developing a React Native app for real-time heart health monitoring using IoT sensors and AI-driven predictions.
- **CO2 Emission Prediction Using Machine Learning**: Built a machine learning model to predict CO2 emissions of cars based on engine size, fuel consumption, and the number of cylinders.
- **Movie Recommendation Chatbot:** Developed an ML-powered chatbot that provides personalized movie recommendations using NLP and a trained recommendation model. Integrated with a React-based UI.
- **Alumni Website: Alum-Connect:** Developed a full-stack web platform for alumni networking using HTML, CSS, JavaScript, and MongoDB.
- **Invictus Hackathon: CollabSphere:** Designed a research-oriented collaboration platform where researchers can post discussions, approve comments, and share notes.
- **Smart Street Light System:** Developed an Arduino-based system using IR sensors to adjust streetlights based on vehicle motion.

EXTRA- CURRICULAR

I was an active member of my college's Cultural Council, holding the official post of Deputy Cultural Secretary for two consecutive years. During my tenure, I played a key role in organizing and managing large-scale cultural festivals, technical events, and student engagement activities, ensuring seamless execution and high participation. My responsibilities included event planning, budgeting, logistics coordination, and fostering collaboration among different student committees.
Beyond cultural leadership, I have actively participated in Model United Nations (MUNs), debates, and youth parliaments, where I honed my public speaking, critical thinking, and negotiation skills, engaging in thought-provoking discussions on global and national issues.