MANSI MEHTA

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Education

National Institute of Technology Andhra Pradesh, India   **2022 - 2026**
Electronics and Communication Engineering | CGPA: **8.69**   (expected)

D.A.V. Public School, India
CBSE (Class XII), Aggregate:96%

Bishop Westcott Girls School, India
ICSE (Class X), Aggregate:94.2%

Skills

Language:Python ,Java ,Embedded (basics),SQL,Verilog,HTML
Frameworks:Flask,FastAPI,Langchain,Sckit-Learn
Tools: VS code, Github, Arduino IDE , Googlecollab ,Jupyter Notebook

Work Experience and Acheviements

Winter Intern at IIT Bhubaneswar
I worked on an natural language processing (NLP) project under Prof.Shreya Ghosh.   **5 Dec'24 - 15 Jan'25**
The project leverages large language models (LLMs) to address specific research questions
for travel plan, focusing on cutting-edge methodologies in text analysis and generation.

Smart India Hackathon(SIH) 2024
Qualified college level hackathon and worked on problem statement ID 1702 and 1689

Projects

Heartbeat analysis and attack prediction system:
IoT-Based Heartbeat Monitoring System with ML Prediction
Developed a heartbeat monitoring device using ESP32 and sensors. Sent real-time data to a connected system for processing
and used a machine learning model to predict heart attack risk. Focused on hardware setup and sensor integration.

Personal Profile landing page:
Link: https://messycodess.github.io/landing-page/

SmardStudy
Website for students to study together on video call ,share study material and track their progress.
Live Project link: https://smard-study.vercel.app/#

Tweet Sentiment Analyser
Machine learning based sentiment analysis project where we used NLP and Logistic Regression Model
that can be used to automate a business review process.

Digital Alarm Clock using microcontroller
Using 8051 microcontroller leveraging I2C communication ,built an alarm clock.

Positions of Responsibility

Member | Google Developer Group   **Sept'24 – present**

Class Representative | ECE 2nd year   **Aug'23 - May'24**

Joint Secretary | ECE Associaton   **Aug'23 - May'24**
Organized various technical events in Techkriya(annual college tech fest) and technical worshops.

Joint Secretary |ECE Alumni Team
Hosted and managed various meet with alumni in both online and offline mode.   **Aug'23 - May '24**