

Nupoor Sagar

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Education

VIT Bhopal University

BTech, Major in Computer Science, Minors in Health Informatics
Expected Graduation Date: May, 2026
Cumulative GPA: 9.0/10

Bhopal, Madhya Pradesh
Aug 2022– ongoing

12th Grade

Globus public School

CBSE Cumulative GPA: 8.1/10

Himmatnagar, Gujarat
July 2022

10th Grade

Nand Vidya Niketan

CBSE Cumulative GPA: 9.4/10

Jamanagar, Gujarat
July 2020

Projects:

PredictoCare

Aug 2023 - Sep 2023

- Developed a ML based web application that predicts tumors and supports healthcare professionals in CDSS.
- Built a logistic regression ML model with 98% accuracy and deployed it on the web using Streamlit.
- Enhanced traction by 50% by improving UI by adding interactive features like radar chart visualization and custom CSS column probability prediction chart.

Federated Learning Implementation using Fitbit Data

Nov 2024 - Jan 2025

- Implemented a Federated Learning model to train on Fitbit data from multiple patients, where each Docker container represented an individual Fitbit user (node).
- Trained local models on user data and aggregated updates into a global model using Federated Averaging (FedAvg), improving accuracy with each iteration.
- Utilized Docker for containerized deployment and VS Code for development.
- Developed the project using Python, leveraging PyTorch/TensorFlow for model training

Extra-curricular:

Student Coordinator, IoT Club, VIT Bhopal

Jan 2023 - Present

- Directed 10+ events, managing logistics and crowd.
- Increased club visibility by 80%, driving membership growth.
- Mentored 3+ department teams for leadership and organizational development.

Cricket Nationals Participant

2016 - 2018

- Competed at the Under-17 level and Under-19 level, while representing Gujarat in Cricket Nationals organized by SGFI

Additional:

Technical Skills: C++, Cisco Packet Tracer and Computer Networks Concepts, React,JS,Excel, Github,Flutter, Streamlit,TensorFlow, Docker, solved 150+ leetcode questions

Languages: Fluent in reading and writing Hindi, English and Gujarati

Certifications: Oracle OCI generative AI professional certificate, AWS cloud essentials certificate
