

Nupoor Sagar

+91-9510211297 | Email: nupoorvsaga4@gmail.com | [LeetCode](#) | [LinkedIn](#) | [GitHub](#)

Education

VIT Bhopal University

BTech, Major in Computer Science, Minors in Health Informatics

Expected Graduation Date: May, 2026

Cumulative GPA: 9.01/10

Bhopal, Madhya Pradesh

Aug 2022– ongoing

12th Grade

Globus public School

CBSE Cumulative GPA: 8.1/10

Himmatnagar, Gujarat

July 2021- July 2022

10th Grade

Nand Vidya Niketan

CBSE Cumulative GPA: 9.4/10

Jamanagar, Gujarat

July 2019- July 2020

Marketing Strategist & Logistics Coordinator – KABE Car Rental Services

Jan 2024- present

Led digital marketing and logistics operations. Developed Excel and App Script tools for data automation and extraction. Improved online visibility through search engine optimization (SEO), and maintained strong customer relationships through effective communication and service coordination.

SAP Intern – Nayara Energy Ltd.

Oct 2024-Nov 2024

Worked on SAP Materials Management (MM) module focusing on procurement processes and inventory handling.

Contributed to SAP implementation workflows, system testing, and documentation for seamless integration within the organization's ERP system.

Projects:

PredictoCare Web-App, Machine Learning, Python

Aug 2023 - Sep 2023

Developed an ML-powered web app for **tumor prediction** to assist healthcare professionals in clinical decision support (CDSS). Built a logistic regression model with 98% accuracy and deployed it via **Streamlit**. Boosted engagement by 50% using **radar charts** and **CSS-enhanced** probability visuals for intuitive diagnosis support.

Federated Learning Implementation using Fitbit Data Docker, Federated Learning

Nov 2024 - Jan 2025

Implemented a **privacy-preserving federated learning** pipeline using Dockerized nodes (simulated Fitbit users) and **FedAvg**. Trained local models on patient data and aggregated updates into a global model using PyTorch/TensorFlow, improving accuracy across iterations. Developed and containerized using VS Code and Docker.

CareConnect App, Android, Java

Sept 2023-Nov 2023

Built an Android app for **healthcare supply donation** and distribution. Features include supply requests, donation tracking, and **direct contact via phone/email**. Integrated dropdown menus for ease of navigation. Designed to support hospitals, NGOs, and streamline resource sharing in healthcare crises.

Fruit Classifier using MobileNetV2 Neural Networks, Machine Learning

Jan 2025- April 2025

Built an advanced fruit classification model using the MobileNetV2 pipeline, boosting validation accuracy from 68.69% to **84.44%** by addressing challenges like overfitting, varied lighting, and complex backgrounds. This lightweight model is optimized for real-world applications such as assisting visually impaired individuals in identifying fruits, enhancing automated checkouts in grocery stores, and supporting inventory systems in agriculture and retail.

Extra-curricular:

Student Coordinator, IoT Club, VIT Bhopal

Jan 2023 - Present

- Directed 10+ events, managing logistics and crowd.
- 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

Skills:

Technical: C++, MySQL, NoSQL, Java, Python, Excel, GitHub, StreamLit, TensorFlow, Docker, Numpy, Pandas

Languages: Fluent in English, Hindi and Gujarati

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