

Nupoor Sagar

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Education

VIT Bhopal University
BTech, Major in Computer Science, Minors in Health Informatics
Cumulative GPA: 9.01/10

Bhopal, Madhya Pradesh
Aug 2022– ongoing
Expected Graduation Date: May, 2026

12th Grade
Globus public School
CBSE Cumulative GPA: 8.1/10

Himmatnagar, Gujarat
Jul 2021- Jul 2022

10th Grade
Nand Vidya Niketan
CBSE Cumulative GPA: 9.4/10

Jamanagar, Gujarat
Jul 2019- Jul 2020

Experience

Marketing Strategist & Logistics Coordinator – KABE Car Rental Services

Jan 2024- present

- Designed and implemented automation tools using **Excel** and **Google Apps Script**, reducing manual data entry time by **70%** and improving operational efficiency.
- Streamlined logistics coordination, cutting booking response times by **50%** and enhancing client satisfaction, reflected in a **30%** increase in repeat customers.
- Maintained high client retention through proactive communication and service excellence, resulting in a **4.8/5 average rating** from customer feedback.

SAP Intern – Nayara Energy Ltd.

Oct 2024-Nov 2024

- Supported the **SAP Materials Management (MM)** module by assisting with procurement tracking, vendor master data updates, and inventory documentation.
- Contributed to SAP implementation workflows using **SAP GUI**.
- Collaborated with a cross-functional team to document over **10** standard operating procedures (SOPs), aiding in smoother ERP integration.
- Gained hands-on experience in end-to-end procurement lifecycle and ERP system navigation, enhancing understanding of enterprise-level inventory control systems.

Projects

PredictoCare Web-App, Machine Learning, Python

Aug 2023 - Sep 2023

- Developed a 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 using **Streamlit**.
- Boosted engagement by 50% using **radar charts** and **CSS-enhanced** probability visuals for intuitive diagnosis support.

CareConnect App, Android, Java

Sept 2023-Nov 2023

- Built an Android app for **healthcare supply donation and distribution**.
- Features 4+ pages, including 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.

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**.
- Improved model accuracy across iterations.
- Developed and containerized the entire system using **VS Code** and **Docker**.

Fruit Classifier using MobileNetV2 Neural Networks, Machine Learning

Jan 2025- April 2025

- Built an advanced fruit classification model using the **MobileNetV2** pipeline.
- Boosted validation accuracy from **68.69% to 84.44%** by mitigating overfitting and addressing challenges like varied lighting and complex backgrounds.
- Designed a lightweight model 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

Jan 2016 - Nov 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