NUPOOR SAGAR

📞 +91-9510211297 ✉ nupoorvsagar4@gmail.com ⓘ LeetCode 💼 LinkedIn ⭘ GitHub

Education

VIT Bhopal University — **Bhopal, Madhya Pradesh**
BTech, Computer Science; Cumulative GPA: 9.05/10 *Aug 2022 – ongoing (Expected Graduation: May, 2026)*

Globus public School (12th Grade) — **Himmatnagar, Gujarat**
CBSE Cumulative GPA: 8.10/10 *Jul 2021 – Jul 2022*

Nand Vidya Niketan (10th Grade) — **Jamnanagar, Gujarat**
CBSE Cumulative GPA: 9.46/10 *Jul 2019 – Jul 2020*

Technical Skills

C++, Python, ML, DL, IoT, ERP , Agile framework, Scrum, SAP (MM), Google Apps Script, GitHub

Experience

Business Operations Analyst — *KABE Car Rental Services* **(Jan 2025 - present)**
- Developed automation tools using Google Sheets and Google Apps Script, enhancing operational efficiency.
- Analyzed Excel data to streamline logistics coordination and improve client satisfaction.
- Automated invoice generation for customers and monthly car reports for management, ensuring accurate financial tracking.
- Managed customer inquiries, enhancing communication skills and contributing to high client retention.
- Executed multi-platform marketing strategies on X, WhatsApp, Reddit, and Telegram to boost brand visibility.

SAP Intern — *Nayara Energy Ltd.* **(Oct 2024 - Nov 2024)**
- Gained knowledge of the SAP Materials Management (MM) module, focusing on its integration within Nayara's ERP system.
- Assisted in understanding procurement workflows, including PR, RFQ, PO, GRN, and MIRO processes.
- Familiarized with SAP Transaction Codes (T-codes) to support procurement activities.
- Collaborated on documentation related to supply chain management and inventory control.
- Learned about Delegation of Authority (DOA) processes, enhancing understanding of procurement governance.

Projects

PredictoCare Web App (GitHub) — *Full Stack, Streamlit, Python* **(Aug 2023 - Sep 2023)**
- Developed a ML-powered web app for tumor prediction to assist healthcare professionals as a CDSS.
- Devised a logistic regression model with 98% accuracy and deployed it using Streamlit.
- Boosted engagement by using radar charts and CSS-enhanced probability visuals for intuitive diagnosis support.
- **Dataset:** UCI Machine Learning Repository Breast Cancer Dataset

CareConnect App (GitHub) — *Android Studio, Java* **(Sep 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 implemented using intent.
- Integrated dropdown menus for ease of navigation.
- Made to support hospitals, NGOs, and streamline resource sharing in healthcare crises.
- Toast messages to confirm every request and donation action, enhancing user feedback.

Federated Learning Implementation (GitHub) — *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 TensorFlow.
- Improved model accuracy across iterations.
- Containerized the entire system using VS Code and Docker.
- **Dataset:** SmartWatch Readings including BP, Oxygen Level, Stress Level, Activity Level, HR and Sleep Duration.

Fruit Classifier using MobileNetV2 (GitHub) — *Neural Networks, Machine Learning* **(Jan 2025 - Apr 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.
- Proposed a lightweight model for fruit recognition to aid the visually impaired, automate retail checkouts, and manage inventory.
- **Dataset:** Kaggle Fruit Dataset

Certifications

- Oracle OCI Generative AI Professional Certificate, AWS Cloud Essentials Certificate, AWS ML Associate (Udemy)

Extra-curricular & Additional

- **Student Coordinator, IoT Club, VIT Bhopal:** Directed 10+ events and mentored 3+ teams.
- **Cricket Nationals Participant:** Competed at the U-17 and U-19 levels for Gujarat.
- **Languages:** Fluent in English, Hindi, and Gujarati.
- **Hobbies:** Fitness, Watching Sports, Solving Sudoku and Wordle.