

NUPOOR SAGAR

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Education

VIT Bhopal University <i>BTech, Computer Science; Cumulative GPA: 9.05/10</i>	Bhopal, Madhya Pradesh <i>Aug 2022 – ongoing (Expected Graduation: May, 2026)</i>
Globus public School (12th Grade) <i>CBSE Cumulative GPA: 8.1/10</i>	Himmatnagar, Gujarat <i>Jul 2021 – Jul 2022</i>
Nand Vidya Niketan (10th Grade) <i>CBSE Cumulative GPA: 9.4/10</i>	Jamnanagar, Gujarat <i>Jul 2019 – Jul 2020</i>

Technical Skills

Automation (Google Apps Script, ChatGPT), GitHub, C++, Python (Pandas, Scikit-learn, Matplotlib), Docker, SAP ERP, Android Studio

Experience

Business Operations Analyst — KABE Car Rental Services	(Jan 2025 - present)
<ul style="list-style-type: none">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)
<ul style="list-style-type: none">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 — Machine Learning, Python	(Aug 2023 - Sep 2023)
<ul style="list-style-type: none">Developed a ML-powered web app for tumor prediction to assist healthcare professionals in clinical decision support (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 — Android, Java	(Sep 2023 - Nov 2023)
<ul style="list-style-type: none">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 using Fitbit Data — Docker, Federated Learning	(Nov 2024 - Jan 2025)
<ul style="list-style-type: none">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: Consists of SmartWatch Readings including BP, Oxygen Level, Stress Level, Activity Level, HR and Sleep Duration.	
Fruit Classifier using MobileNetV2 — Neural Networks, Machine Learning	(Jan 2025 - Apr 2025)
<ul style="list-style-type: none">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.Drafted and proposed 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.Dataset: 9 fruits dataset by shreya.maher on kaggle was augmented for training and a test set of real world fruit images for validation was curated by me.	

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.