

# NUPOOR SAGAR

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## Education

<b>VIT Bhopal University</b> <i>BTech, Computer Science; Cumulative GPA: 9.05/10</i>	<b>Bhopal, Madhya Pradesh</b> <i>Aug 2022 – ongoing (Expected Graduation: May, 2026)</i>
<b>Globus public School (12<sup>th</sup> Grade)</b> <i>CBSE Cumulative GPA: 8.10/10</i>	<b>Himmatnagar, Gujarat</b> <i>Jul 2021 – Jul 2022</i>
<b>Nand Vidya Niketan (10<sup>th</sup> Grade)</b> <i>CBSE Cumulative GPA: 9.46/10</i>	<b>Jamnanagar, Gujarat</b> <i>Jul 2019 – Jul 2020</i>

## Technical Skills

C++, Python, Machine Learning, Deep Learning, Data Analysis, SAP (MM), Google Apps Script, MS Excel, GitHub

## Experience

<b>Business Operations Analyst — KABE Car Rental Services</b>	<b>(Jan 2025 - present)</b>
<ul style="list-style-type: none"><li>Developed automation tools using Google Sheets and Google Apps Script, enhancing operational efficiency.</li><li>Analyzed Excel data to streamline logistics coordination and improve client satisfaction.</li><li>Automated invoice generation for customers and monthly car reports for management, ensuring accurate financial tracking.</li><li>Managed customer inquiries, enhancing communication skills and contributing to high client retention.</li><li>Executed multi-platform marketing strategies on X, WhatsApp, Reddit, and Telegram to boost brand visibility.</li></ul>	
<b>SAP Intern — Nayara Energy Ltd.</b>	<b>(Oct 2024 - Nov 2024)</b>
<ul style="list-style-type: none"><li>Gained knowledge of the SAP Materials Management (MM) module, focusing on its integration within Nayara's ERP system.</li><li>Assisted in understanding procurement workflows, including PR, RFQ, PO, GRN, and MIRO processes.</li><li>Familiarized with SAP Transaction Codes (T-codes) to support procurement activities.</li><li>Collaborated on documentation related to supply chain management and inventory control.</li><li>Learned about Delegation of Authority (DOA) processes, enhancing understanding of procurement governance.</li></ul>	

## Projects

<b>PredictoCare Web App (GitHub)</b> — <i>Full Stack, Streamlit, Python</i>	<b>(Aug 2023 - Sep 2023)</b>
<ul style="list-style-type: none"><li>Developed a ML-powered web app for tumor prediction to assist healthcare professionals as a CDSS.</li><li>Devised a logistic regression model with 98% accuracy and deployed it using Streamlit.</li><li>Boosted engagement by using radar charts and CSS-enhanced probability visuals for intuitive diagnosis support.</li><li><b>Dataset:</b> UCI Machine Learning Repository Breast Cancer Dataset</li></ul>	
<b>CareConnect App (GitHub)</b> — <i>Android Studio, Java</i>	<b>(Sep 2023 - Nov 2023)</b>
<ul style="list-style-type: none"><li>Built an Android app for healthcare supply donation and distribution.</li><li>Features 4+ pages, including supply requests, donation tracking, and direct contact via phone/email implemented using intent.</li><li>Integrated dropdown menus for ease of navigation.</li><li>Made to support hospitals, NGOs, and streamline resource sharing in healthcare crises.</li><li>Toast messages to confirm every request and donation action, enhancing user feedback.</li></ul>	
<b>Federated Learning Implementation (GitHub)</b> — <i>Docker, Federated Learning</i>	<b>(Nov 2024 - Jan 2025)</b>
<ul style="list-style-type: none"><li>Implemented a privacy-preserving federated learning pipeline using Dockerized nodes (simulated Fitbit users) and FedAvg.</li><li>Trained local models on patient data and aggregated updates into a global model using TensorFlow.</li><li>Improved model accuracy across iterations.</li><li>Containerized the entire system using VS Code and Docker.</li><li><b>Dataset:</b> SmartWatch Readings including BP, Oxygen Level, Stress Level, Activity Level, HR and Sleep Duration.</li></ul>	
<b>Fruit Classifier using MobileNetV2(GitHub)</b> — <i>Neural Networks, Machine Learning</i>	<b>(Jan 2025 - Apr 2025)</b>
<ul style="list-style-type: none"><li>Built an advanced fruit classification model using the MobileNetV2 pipeline.</li><li>Boosted validation accuracy from 68.69% to 84.44% by mitigating overfitting and addressing challenges like varied lighting and complex backgrounds.</li><li>Proposed a lightweight model for fruit recognition to aid the visually impaired, automate retail checkouts, and manage inventory.</li><li><b>Dataset:</b> Kaggle Fruit Dataset</li></ul>	

## 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.