

## Education

<b>Vellore Institute of Technology, Bhopal</b> <i>B.Tech in Computer Science and Engineering (AI &amp; ML), GPA: 7.9</i>	Sep 2022 – Jul 2026
<b>National Victor Public School, Delhi</b> <i>Higher Secondary School; Percentage: 82%</i>	Apr 2020 – Mar 2022

## Technical Skills

**Languages:** Python, SQL

**Libraries & Tools:** PyTorch, SciKit-Learn, Pandas, NumPy, Power BI, Tableau

**Expertise:** Data Science, Machine Learning, Database Management

## Experience

<b>AI/ML Intern</b> <i>Intellivate Technologies Pvt. Ltd., Noida</i>	Oct 2024 – Dec 2024
– Worked in the AI vertical focusing on software development, machine learning, automation pipelines, and data analysis.	
– Developed AI-driven modules, optimized existing ML workflows, and contributed to model training, validation, and performance evaluation.	
– Collaborated with the engineering team on integrating ML components into production-level software systems.	
– Built data preprocessing pipelines and assisted in creating dashboards for insights and internal reporting.	

## Projects

**RetailWise - Data-Driven Stock Management** – Developed an AI-powered retail analytics system with real-time sales and inventory pipelines, optimized database schema, and an LLM-based query interface enabling 15% quicker supply chain decisions.

**AgriVision - Smart Farm System** – Built an agriculture decision-support platform featuring soil health analysis, crop recommendations, subsidy guidance, and weather forecasting with a clean dashboard for farmer accessibility.

**Water Level Indicator** – Created a computer vision model using 200+ labeled tank images to detect water levels (Empty/Mid/Full), enabling real-time monitoring and overflow prevention through automated alerts.

**Stock Forecast App** – Implemented an LSTM-based stock prediction system with engineered time-series features, trend forecasting, evaluation metrics, and interactive visualization dashboards in Python.

## Certifications

- Google AI Essentials
- IBM GenAI
- Oracle Data Science Professional
- Google Data Analytics
- Applied Machine Learning (Coursera)
- Tata Forage GenAI Simulation
- Cisco Data Analytics Essentials

## Extra-Curriculars

Hostel Committee Member

Core Member, Inter-University AI Club