

ACADEMIC DETAILS				
Degree	Specialization	Institute	Year	CPI/%
B.Tech.	Civil Engineering	IIT Gandhinagar	2022-Present	6.91/10
Class XII	Physics, Chemistry, Maths	Silver Stone Public School, Chandausi	2021-2022	73
Class X		Silver Stone Public School, Chandausi	2019-2020	65

- PROJECTS
- Customer Spending & Tipping Behavior Analysis (Prof. Marcos Inacio, IIT Gandhinagar)

[Sep '25 - Oct '25]

◦ Analyzed 157 transaction records to identify customer spending, tipping, and weekday revenue trends using Python and data visualization.

◦ Developed visual and regression models to identify how spending patterns, group size, and weekdays influence revenue and tipping growth, showing a strong positive bill-tip correlation.

◦ Derived actionable business insights on pricing, staff training, and weekday promotions to improve profitability and customer experience.

• Credit Card Customer Behaviour Analysis [GitHub](#) [Dashboard](#)

[Sep '25 - Oct '25]

◦ Analyzed data of 10K+ credit card customers to study spending behavior, engagement levels, and churn patterns.

◦ Segmented customers into Loyal, High-Value, and At-Risk groups to pinpoint high-return customer segments and identify where marketing investments deliver the greatest impact.

◦ Estimated Customer Lifetime Value (CLV) and built Profitability Tiers to identify high ROI customers and developed a live Streamlit dashboard for profit and churn insights to guide retention strategies.

• Resume Evaluation System using Agentic AI [GitHub](#)

[Aug '25 - Sep '25]

◦ Designed a 17-node agentic AI workflow using n8n, LangChain, and Google Gemini API for automated resume parsing and evaluation.

◦ Automated form input, PDF text extraction, and structured data parsing for education, experience, and skills.

◦ Integrated Google Sheets and Gmail APIs to auto-generate candidate summaries, scores, and HR reports, creating a reusable AI-native pipeline for intelligent recruitment automation.

• AI Chatbot Disclosure Analysis (Prof. Marcos Inacio, IIT Gandhinagar)

[Aug '25 - Sep '25]

◦ Analyzed 6K+ customer interactions to study how AI disclosure timing affects engagement and sales conversions.

◦ Found 57% drop in engagement when AI was disclosed early, while undisclosed AI achieved near-human conversion (21.7% vs 23.1%), revealing a clear trust-performance trade-off.

◦ Applied customer segmentation and data visualization using Python to identify high-conversion segments and provide ethical AI strategies for customer engagement.

- INTERNSHIP EXPERIENCE
- Geospatial Network Optimization for Urban Flood Modeling in Mumbai - Intern at AIRESQ

[May '25 – Jul '25]

◦ Prepared large-scale geospatial datasets for 45 catchments across Mumbai using QGIS by mapping 20,000+ manholes as nodes and creating corresponding shapefiles for urban flood modeling in MIKE+.

◦ Automated pipeline layout generation using a custom QGIS-Python algorithm that mapped flow connectivity between nodes, cutting manual design efforts by 80% and improving spatial accuracy

◦ Structured and validated hydraulic attributes (ground/invert levels, pipe geometry, material type) for each node and pipeline, enabling accurate flood simulation and scalable integration into modeling systems.

- TECHNICAL SKILLS
- Programming Languages: Python, HTML, Latex

• Software: QGIS, MIKE+, AutoCAD, MS Office, HEC-RAS, HEC-HMS

• Frameworks & Tools: n8n, VS Code, Streamlit (dashboards), Hugging Face

• ML Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, NetworkX

- POSITIONS OF RESPONSIBILITY
- Organiser, Hallabol Sports Fest, IITGN

[Jan '23 - Feb '23]

◦ Organized Hallabol, a major sports event at IIT Gandhinagar, involving extensive participation from students and faculty. Demonstrated leadership and organizational skills in ensuring the success of the event.
- Organiser, Population, Resources and Resilience Conference, IITGN

[Jun '25]

◦ Coordinated academic symposium involving students, researchers, and invited speakers, managing event logistics and outreach.

◦ Assisted in organizing panel discussions on sustainability and resource management, ensuring smooth session flow and participant engagement.