

# Sanyam Jain

+91 9760482249 | [Email](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

## PROFILE SUMMARY

---

Analytical B.Tech student skilled in Python, SQL, and Excel with hands-on experience in data modeling, business intelligence, and predictive analytics. Proven ability to build ETL pipelines, automate reporting workflows, and translate data insights into business strategies across the telecommunications, logistics, and risk domains.

## EDUCATION

---

### Vellore Institute of Technology

B.Tech in Electronics and Computer Engineering, CGPA: 8.22

Chennai, India

Sep 2022 – Aug 2026 (Expected)

## EXPERIENCE

---

### XR Development Intern

Smartvizx Private Limited — [Link](#)

Noida, India

Jun 2025 – Jul 2025

- Designed interactive tools that improved decision-making efficiency by 25%, supporting compliance audits.
- Conducted usability tests, documented workflows, and implemented process controls that reduced process gaps.
- Implemented adaptive workflow mechanisms that allow real-time adjustments to process controls, improving the efficiency of compliance audit by 25%.

## PROJECTS

---

### Telecom Revenue Optimization Model | SQL, Python, Streamlit

[Link](#)

- Built end-to-end Telecom Revenue Optimization pipeline on a 10K synthetic customers — churn AUC 84.7% and 2,000 high-risk customers flagged.
- Implemented privacy-first analytics (hashed IDs) and SHAP explainability; shipped an interactive dashboard + 6-page business report, speeding stakeholder decisions by 40%.
- Built uplift & ARPU-forecasting models — simulated 7% churn reduction and 5% ARPU uplift ( \$4.7M annual) with +15% campaign ROI.

### Customer Lifetime Value (CLV) Prediction & Segmentation | Python, Pandas, scikit-learn

[Link](#)

- Shipped a 6-page Streamlit dashboard with 15+ Plotly visuals, real-time predictions, scenario testing, CSV export.
- Built an end-to-end CLV pipeline (Python; RFM + Linear Regression), modular and reproducible.
- Delivered BI insights: CLV quartiles, 80/20 Pareto, churn-risk flags, and CLV-per-purchase metrics.

### Swiggy Delivery Time Prediction System | Python , Scikit-learn , Streamlit , Pandas , NumPy

[Link](#)

- Built an ML model using ensemble methods to predict food delivery times with 85% + accuracy.
- Implemented ensemble machine learning algorithms to forecast delivery times, enhancing operational planning and risk mitigation.
- Improved customer satisfaction by providing accurate delivery estimates using predictive modeling.

## RESEARCH PAPER

---

### Federated Spatiotemporal Demand Forecasting | *under review*

- Developed a forecasting framework using LSTM-DSTGCRN with VMD to capture multi-scale temporal patterns and spatial correlations in transport demand, improving prediction accuracy.
- Implemented a federated learning pipeline with Client-Side Validation (CSV), improving model robustness and achieving higher accuracy and faster convergence compared to baselines.
- Validated results on multimodal transport demand datasets, showcasing applications in scalable and privacy-compliant demand forecasting for logistics and food delivery networks.

## SKILLS

---

**Analytics & BI:** Business Intelligence, KPI Reporting, Predictive Analytics, Data Storytelling, Data Cleaning, Recommendation Systems, Business Insights, Automation, ERP systems, A/B testing  
**Communication:** MS PowerPoint, Word, Presentation skills, Content Writing, Technical Writing, Statistics  
**Data & Technical:** Python, SQL, Excel, TensorFlow, React, Three.js, JavaScript, HTML, RStudio, API, AI/ML  
**Visualization:** Power BI, Pandas, Seaborn, Matplotlib, NumPy, Streamlit, Scikit-learn, Alteryx

## CERTIFICATIONS

---

### Google Advanced Data Analytics

*Google*

[Link](#)

### McKinsey Forward Learning Program

*McKinsey & Company*

[Link](#)

### Certified in UX & UI Design

*Adobe*

[Link](#)

### AWS Solutions Architecture Job Simulation

*Forage*

[Link](#)

### Machine Learning Internship Program

*Tryst IIT Delhi*

[Link](#)

### Oracle Cloud Infrastructure 2025 Certified Data Science Professional

*Oracle*

[Link](#)

## EXTRA-CURRICULAR RESPONSIBILITIES

---

### Joint Secretary

Jun 2024 – Jul 2025

*Wakhra Punjab Club, VITC*

- Led a team of 25+ members and managed end-to-end event operations, including sponsorships, logistics, and promotions, achieving a 30% increase in audience turnout.
- Managed end-to-end event operations, including sponsorships, logistics, and promotions, resulting in a 30% increase in audience participation compared to the previous year.