

# Sanyam Jain

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

## PROFILE SUMMARY

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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

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### Vellore Institute of Technology

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

Chennai, India

Sep 2022 – Aug 2026 (Expected)

## EXPERIENCE

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### XR Development Intern

Smartvizx Private Limited — [Link](#)

Noida, India

Jun 2025 – Jul 2025

- Developed an AR furniture placement tool after analyzing user needs and spatial interaction patterns.
- Ran usability studies and synthesized findings into structured reports that shaped product improvements.
- Documented workflows, requirements, and insights to support cross-functional decision-making.
- Converted user feedback into actionable recommendations that improved accuracy and user experience.

## PROJECTS

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### 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.

### Bank Loan Report Dashboard | *Python, SQL, Power BI, Excel*

[Link](#)

- Designed and executed ETL workflows using SQL and Python to clean, validate, and map 38K+ loan records, ensuring 100% data quality before report development.
- Built automated data pipelines with data validation and exception handling, enabling accurate KPI reporting and regulatory-aligned business insights.
- Created audit-ready reporting documentation outlining data flow, transformation logic, KPI definitions, and governance structure for dashboard usage.

### HR Analytics Dashboard | *Power BI*

[Link](#)

- Developed stakeholder-focused HR dashboard consolidating 20+ KPIs with audit-ready documentation, data dictionary, and reporting logic for governance clarity.
- Identified key attrition trends, including a 56% concentration in Sales and gender-based gaps across five age groups.
- Gathered stakeholder requirements, defined reporting logic, and documented data sources to support compliance, audit, and decision-making use cases.

## RESEARCH PAPER

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### 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
- Evaluated federated learning methods for cross-city forecasting and summarized robustness and accuracy insights.
- Implemented a federated learning pipeline with Client-Side Validation (CSV), improving model robustness and achieving higher accuracy and faster convergence compared to baselines.

## SKILLS

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**Analytics & BI:** Business Intelligence, KPI Reporting, Trend Analytics, Data Storytelling, Data Cleaning, Data Interpretation, Business Insights, Automation, ERP systems, A/B testing, Report writing

**Communication:** MS PowerPoint, Word, Presentation skills, Content Writing, Technical Writing, Statistics

**Data & Technical:** Python, SQL, Excel, React, Three.js, JavaScript, HTML, RStudio, API, AI/ML, Azure

**Visualization:** Power BI, Pandas, Seaborn, Matplotlib, NumPy, Streamlit, Scikit-learn, Alteryx, TensorFlow

## CERTIFICATIONS

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**Oracle Cloud Infrastructure Certified Data Science Professional 2025**

*Oracle*

[Link](#)

**Google Advanced Data Analytics 2025**

*Google*

[Link](#)

**McKinsey Forward Learning Program 2025**

*McKinsey & Company*

[Link](#)

**UX & UI Design Certification 2024**

*Adobe*

[Link](#)

**AWS Solutions Architecture Job Simulation 2024**

*Forage*

[Link](#)

**Machine Learning Internship Program 2025**

*Tryst IIT Delhi*

[Link](#)

## EXTRA-CURRICULAR RESPONSIBILITIES

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**Joint Secretary**

Jun 2024 – Jul 2025

*Wakhra Punjab Club, VITC*

- Led a 25+ member team and coordinated end-to-end operations for college events, improving execution efficiency and driving a 30% increase in participation.
- Managed sponsorships, logistics, and communication between multiple stakeholders, ensuring smooth planning and on-ground delivery.