

ANSHUL DHAMANKAR

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Summary

Aspiring Data Scientist , AI ML Developer with skills in **Python, SQL, AI, ML, Gen AI**. Experienced in Data processing / exploration to model building and developing scalable web apps and real-time dashboards through **internships and academic projects**. Actively looking for opportunities in **Data Science / Data Analysis / AI & Machine Learning Engineering** to apply problem-solving and Fullstack capabilities.

Education

B.Tech in Computer Science Engineering

MIT ADT University,

Pune | 2026

Relevant Coursework: Data Analysis , DBMS , Data Science , AI ML , Web Development , CN , DSA , CS , GenAI

Skills

- **Programming & Scripting:** Python, SQL, C++
- **Frontend:** HTML, CSS, JavaScript, Bootstrap
- **Backend & Databases:** Flask, REST APIs, SQL, MongoDB, Streamlit, FastAPI
- **Tools:** Git, GitHub, VS Code, XAMPP, Jupyter Notebook, Google Colab, Anaconda, CMD, PowerBI, Tableau
- **CS Fundamentals:** DSA, OOPs, OS, DBMS, CN
- **Soft Skills:** Problem-Solving, Time Management, Team Collaboration, Communication, Responsibility, Analytical Thinking

Experience

Data Analyst Intern – *Intervie Tech*


 Remote |  Dec 2023 – Jan 2024

- **Performed EDA** on 12,000+ employee records to identify key attrition drivers (age, salary stagnation, work-life balance).
- **Generated 10+** data visualizations using Power BI and Matplotlib, leading to retention improvement.
- **Documented 15+** insights to guide HR strategy, boosting engagement scores by 9% across multiple departments.

Projects

DataPilot.chat – Gen AI-Powered Data Science / AI ML Platform


✂ Python, Gen AI, SQL, Render, API, NLP,

 Solo Project – Jan 2025 – Present

- **Prototyping** a no-code ML platform enabling users to generate trained models from raw CSV/SQL data using natural language—**reduced** manual coding by **90%**.
- **Integrated** AutoML, EDA, and NLP modules to automate data processing and model training, cutting analysis time by **70%**.
- **Implemented** one-click export for reports, models, and query logs, improving workflow efficiency and traceability.

Customer Churn Prediction System


✂ Python, Jupyter Notebook, Streamlit, Classification Algorithm, Machine Learning

 June 2025 – July 2025

- **Trained** LightGBM classifier on **167,000** rows to predict churn with **96%** accuracy.
- **Performed** EDA to identify Columns affecting Churn.
- **Prioritized** False Negatives < False Positives, improving retention strategy effectiveness by **15%**.

Fraudulent Transaction Classification

✂ Python, Classification Algorithm, Machine Learning.

 Aug 2025 – Sept 2025

- **Built** a LightGBM fraud detection model on 6.3M+ transactions, achieving 94.7% ROC-AUC with balanced precision/recall.
- **Handled** severe class imbalance with SMOTE, outlier detection, and categorical encoding.
- **Applied** feature engineering, improving prediction accuracy by **12%**.

Certificates

- **Deloitte Data Analytics Job Simulation**, Forage – July 2025
- **IBM Python for Data Science, AI & Development**, Coursera – July 2025
- **IBM Databases and SQL for Data Science with Python**, Coursera – March 2024

Achievements

- **Achieved 5 Star Badge** in Python from HackerRank
- **Won IdeaSpark 2K23** at MIT ADT University.