

Aarav Mehta

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SUMMARY

Results-oriented Computer Science graduate specializing in data analytics and machine learning, with hands-on experience in Python, SQL, predictive modeling, and dashboard development. Strong problem-solving skills demonstrated through academic and internship projects.

EDUCATION

M.S. in Computer Science	GPA – 3.74	May 2025
University of Illinois Urbana-Champaign, USA		

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, HTML, CSS, JavaScript
Machine Learning Libraries/Frameworks: Scikit-learn, PyTorch, Pandas, NumPy, XGBoost, NLTK
Data Analysis Tools: Microsoft Excel, PostgreSQL
Data Visualization Tools: Tableau, Power BI, Matplotlib, Seaborn
Development Tools: Jupyter Notebook, Visual Studio Code, Git, Docker

PROFESSIONAL EXPERIENCE

Data Analyst Intern, Accenture, India	Jun '24 – Aug '24
Analyzed operational datasets using Python and SQL, automated recurring data-cleaning workflows, and built Tableau dashboards that helped stakeholders monitor key business metrics and identify reporting anomalies.	
Software Engineering Intern, Tata Consultancy Services, India	Jan '24 – Apr '24
Supported development of an internal web application using Java, SQL, and JavaScript. Implemented data-validation routines, wrote unit tests, and collaborated with developers to troubleshoot application defects.	

ACADEMIC PROJECTS

Customer Churn Prediction

- Built a supervised learning pipeline using Python and Scikit-learn to predict customer churn. Performed feature engineering, model comparison, cross-validation, and evaluation using precision, recall, and ROC-AUC.

Retail Sales Analytics Dashboard

- Cleaned transactional sales data with Pandas and SQL and developed an interactive Tableau dashboard covering revenue, product performance, regional trends, and monthly sales patterns.

Support Ticket Classification

- Developed an NLP classification model to categorize customer support tickets by issue type. Applied text preprocessing and TF-IDF features, compared multiple classifiers, and evaluated results using F1-score.

Expense Tracker Web Application

- Created a responsive expense-tracking application using JavaScript, HTML, CSS, and SQLite with features for adding transactions, filtering expenses, and viewing category-level summaries.

CERTIFICATIONS

- Google Data Analytics Professional Certificate
- Microsoft Certified Power BI Data Analyst Associate
- Python for Data Science

ACHIEVEMENTS

- Kaggle: Completed 5 data science competitions
- LeetCode: Solved 150+ problems
- HackerRank: 5-star rating in Python

OTHER ACTIVITIES

Volunteer Coordinator, University Technology Club	Sep '24 – Apr '25
Workshop Lead, Data Science Student Association	Jan '24 – Dec '24