Dev Patel

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EDUCATION

Northeastern University Boston (GPA: 3.8/4.00) — Boston, MA
Master of Science in Data Analytics — Expected June 2026

Coursework: Probability and Statistics, Database Systems (SQL), Data Mining, Predictive Analytics, Machine Learning, Data Visualization and Communication

Gujarat Technological University (CGPA: 8.46/10.00) — Ahmedabad, India
Bachelor's in Computer Engineering — September 2019 - May 2023

TECHNICAL SKILLS

Programming & Query Languages: Python, SQL, R
Data Analysis & Modeling: Pandas, NumPy, Statistical Analysis, Predictive Modeling, Machine Learning
Databases & Warehousing: MySQL, PostgreSQL, SQL Server, Snowflake, MongoDB
Data Visualization & BI: Tableau, Power BI
Tools & Practices: JIRA, Agile
Microsoft Excel: PivotTables, VLOOKUP, HLOOKUP, Macros, Solver, What-If Analysis

EXPERIENCE

Data Scientist Intern — Dec 2025 – Present
Singular™ — Remote, United States

- Supported the end-to-end data science lifecycle, including data preparation, exploratory data analysis (EDA), feature engineering, model prototyping, and validation to deliver actionable insights.
- Built and maintained ETL pipelines and high-quality datasets using Python (Pandas, NumPy) and SQL, enabling reliable analysis and machine learning workflows.
- Assisted in developing and evaluating machine learning models, analyzing performance metrics to support data-driven decision-making in an AI-driven analytics environment
- Designed interactive dashboards and visual reports to communicate KPIs, trends, and analytical insights to both technical and non-technical stakeholders.

Data Analyst — June 2023 – July 2024
Sky Tech — Ahmedabad, India

- Optimized SQL queries to analyze large datasets, delivering actionable insights that improved business decisions.
- Designed and maintained 10+ interactive dashboards in Tableau and Power BI, tracking 40+ KPIs, enabling real-time data visualization, and improving multi-department decision-making by 15%.
- Automated data extraction, transformation, and analysis workflows using Python (Pandas, NumPy), enhancing efficiency by 40% and ensuring high accuracy in reports delivered 25% faster to stakeholders.
- Managed project tasks using JIRA and Agile methodologies, ensuring timely delivery and alignment with project goals.

PROJECTS

Customer KPI Analytics Project (Ongoing) | Python, SQL, ML, Tableau — Dec 2025 – Present

- Built ETL pipelines and feature-engineered datasets using Python and SQL to support exploratory analysis and predictive modeling.
- Developed and evaluated machine learning models to forecast key business KPIs and uncover actionable trends.
- Created an interactive Tableau dashboard to visualize KPIs, trends, and model insights for data-driven decision-making.

Fake News Detection System | Python, SQL, NLP, Excel, Power BI, ML — Oct 2025 – Nov 2025

- Collected cleaned real fake news articles using web scraping SQL, ensuring a balanced dataset for training.
- Built a Random Forest and BERT-based classification model, detecting fake news with 95% accuracy.
- Developed a Tableau dashboard for real-time monitoring of misinformation trends, helping users identify unreliable sources.