Fenil Patel
fenilp00@gmail.com | +1 647-833-9303
LinkedIn: [Fenil-Patel](#) | Portfolio: [Fenil Portfolio](#)

SUMMARY

Master's graduate in Big Data Analytics from Trent University with a Bachelor's in Computer Science and Engineering. I have strong hands-on experience in data engineering, machine learning, data analysis, and database management. Skilled in Python, SQL, ETL development, data preprocessing, and building predictive models, I've worked on several academic and personal projects focused on solving real-world problems using large-scale data. I'm passionate about turning complex datasets into clear, actionable insights and have a solid understanding of cloud platforms, data visualization tools, and applied analytics. I'm now looking to bring my technical knowledge, critical thinking, and collaborative approach to a data-driven organization.

EDUCATION

Trent University, Peterborough, Canada
M.Sc. in Big Data Analytics | GPA: 3.9/4
Jan 2024 – April 2025

ICT, Ganpat University, Gujarat, India
B.E. in Computer Science and Engineering | GPA: 3.2/4
May 2019 – May 2023

Technical Skills & Tools

- Data Architecture & Database Design
- SQL & NoSQL Programming
- Data Science Life Cycle & Statistical Analysis
- Machine Learning & Data Analysis (Python, Scikit-learn, Pandas)
- Business & Product Analytics
- Data Storytelling
- Data Mining & Warehousing
- Data Visualization (Tableau, Matplotlib, Seaborn)
- Excel
- Basic Cloud Usage (AWS)
- KPI Development & Tracking

EXPERIENCE

Bhaskaracharya National institute for Space Applications and Geo-informatics, Gandhinagar
ML Engineer – Intern
Jan 2023 – May 2023

Tech-Stack: Python (BeautifulSoup, Pandas, Pickle), Flask, MongoDB, AWS, Tableau, Jupyter, Streamlit, Lucidchart

- Built a predictive real estate price model using regression techniques, contributing to a research thesis on housing market analytics.
- Scraped and cleaned 10,000+ records from housing websites, integrating inflation and mortgage indices to enrich the dataset.
- Applied Scikit-learn regression models, achieving an R^2 of 0.82, and visualized feature importance for business insight.
- Integrated Google Maps API to deliver real-time property location views and enhance geographic context.
- Created business dashboards in Tableau to compare key metrics across zones, enabling data-informed decision-making for stakeholders.
- Developed a scalable MongoDB schema to store user data profiles for future recommendation use-cases.