

Anmol Patel

Data Analytics and Data Science

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🌐 Portfolio

🌐 LinkedIn Profile

🐙 GitHub Profile

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EDUCATION

•Bachelor of Technology in Computer Science and Engineering

Parul University, Vadodara

2023 - Present

CGPA: 8.31

SKILLS

Languages: Python, C/C++, Java, HTML+CSS

Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, PyTorch, Flask

Tools: Jupyter Lab, VS Code, Git/GitHub, Tableau, Power BI, Excel

Databases: MongoDB, MySQL

Cloud: AWS, Oracle

EXPERIENCE

AI Intern

May 2026 - Present

IBM SkillsBuild - Edunet Foundation (Remote)

- Worked on Artificial Intelligence, Machine Learning, and Deep Learning concepts using Python.
- Performed data preprocessing, exploratory data analysis, and AI-based project development on real-world datasets.

Data Science Internship

Jan 2026 - March 2026

AICTE - MainCrafts Technology (Remote)

- Performed data preprocessing, analysis, and visualization using Python and related libraries.
- Applied machine learning techniques and contributed to real-world project development workflows.

PROJECTS

•NextFlix Movie Recommendation System

[\[Live Demo\]](#) [\[Source Code\]](#)

A web-based movie recommendation system using Apriori association rule mining to generate intelligent movie suggestions.

- Implemented association rule mining (Apriori) to recommend movies using co-occurrence patterns.
- Calculated Support, Confidence, and Lift metrics and built a Flask-based recommendation interface.
- **Tech Stack:** Python, Flask, Pandas, Apriori Algorithm, HTML, CSS

•Resale Car Price Prediction

[\[Project Flow\]](#) [\[Source Code\]](#)

A machine learning regression system to predict pre-owned vehicle resale prices using the CarDekho dataset.

- Performed data cleaning, EDA, and feature engineering on 15,411 car records; evaluated Linear, Lasso, Ridge, and Random Forest models using cross-validation.
- Tuned Random Forest via RandomizedSearchCV achieving Test R^2 of 0.94; saved model and preprocessor as .pkl files using Joblib.
- **Tech Stack:** Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Joblib

CERTIFICATIONS

–**Artificial Intelligence Fundamentals** – IBM Skillbuild, May 2026

Verify

–**AWS Cloud Foundations** – AWS Academy, March 2026

Verify

–**Data Science Job Simulation** – British Airways (Forage), Feb 2026

Verify

–**Oracle Cloud Infrastructure 2025 Certified Foundations Associate** – Oracle University, Feb 2026

Verify

–**Data Science & Analytics** – HP Life, July 2025

Verify

ACHIEVEMENTS

–**Odoo X Parul University Hackathon '26** - Finalists

Verify

–**DevOps Meets AI** (AWS Cloud Club × Parul University)

Verify

ADDITIONAL

[VIEW GATE PREPARATION]

–Preparing for **GATE-2027** (Data Science & Artificial Intelligence – DA)

–Focused on Data Science, Machine Learning, AI, Statistics, DBMS and Data Warehousing