Punit Patel *Aspiring Machine Learning Engineer*

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Profile

Aspiring ML and Data Science enthusiast with strong Python and data analysis skills. Experienced in building ML models using Scikit-learn and applying them to real-world problems. Currently pursuing B.E. in Computer Engineering (CGPA 9.26). Also familiar with full-stack projects using Django and Next.js.

Education

2024 – Present
Gandhinagar

Bachelor of Engineering in Computer Engineering
LDRP Institute of Technology & Research
Pursuing coursework in core CS subjects like DSA, OS, CN, DBMS, and Software Engineering, with hands-on projects in ML, web development, and API integration.

2021 – 2024
Gandhinagar

Diploma in Computer Engineering
VPMP Polytechnic
Graduated with a CGPA of 9.26, with solid grounding in C/C++, Python, Data Structures, DBMS, Operating Systems, and Networking. Gained practical experience through lab sessions and mini projects.

Professional Experience

07/2023 – 08/2023

Frontend Web Development Intern (React.js)
Stypix Technologies
Built a Car Renting Website using React.js with a clean UI, real-time data rendering, routing, and reusable components.

09/2022 – 10/2022

Python Django Developer Intern
BrainyBeam
Gained hands-on experience in **Python and Django** by working on internal tools and APIs. Learned backend development practices, database integration, and RESTful API design.

Skills

Tools & Technologies:
Python, JavaScript, SQL, Git, Postman, VS Code, Jupyter Notebook

Machine Learning & Data Science:
Scikit-learn, PyTorch, Matplotlib, Seaborn, PySpark

Web Development:
Django, Django REST Framework, React.js, Next.js, Tailwind CSS

Projects

2025

Doc2Model – Linear Regression (ML)
Built a regression model from scratch using NumPy. Implemented cost function, gradient descent, and performance evaluation without ML libraries.

2025

Doc2Model – Classification (ML)
Extended the model to logistic regression with sigmoid function, logistic loss, and regularized gradient descent for binary classification.