Smit Patel

B. Tech
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 GitHub Profile
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EDUCATION

- **Pandit Deendayal Energy University, Gujarat** — 2024
  B. Tech in Computer Science and Engineering — CGPA: 8.47

- **Sahjanand School of Achiever, Gujarat** — 2021
  Gujarat secondary and higher secondary education board — Percentage: 89.38

- **Holy child school, Gujarat** — 2019
  Gujarat secondary education board — Percentage: 88.83

EXPERIENCE / INTERNSHIP

- **Prodigy Infotech private ltd.** — March 2024 - Now
  Mumbai, India.
  – Worked as a Data science Intern.
  – Developed data visualization solutions to facilitate stakeholder insights and conducted rigorous training and testing of machine learning models for predictive analytics.

- **AJGS (Amdavad Jilla Gramodhyog Sangh) Trust May 2022 - July 2022**

- CSSI Internship (on field) Gandhinagar, Gujrat

- Engaged in CSSI internship to collect data from village schools, kindergartens, and gram panchayats.

- Compiled and analyzed gathered data to provide actionable insights for AJGS.

- Demonstrated strong organizational and communication skills while collaborating with stakeholders for effective data

- collection and submission.

PERSONAL PROJECTS

- **Optimizing Urban Transportation Networks (Research Paper)** — Jan 2024-Now
  Python, PowerBI **Model used:** LSTM, RNN, GRU, VAR, XGBOOST, LIGHTBGM
  Urban transportation faces increasing challenges due to population growth, urbanization and traffic congestion. Big data analytics offers the promise of optimizing these networks by using large, complex data to gain insights into traffic patterns, behavior, and usage.

- **Pixel Secrecy** — Nov 2023
  Python, Django, html, CSS, JavaScript
  Pixel Secrecy offers cutting-edge image steganography services, allowing users to securely embed hidden messages within images. Our platform ensures data confidentiality and privacy through innovative encryption techniques.

- **DriveNation** — Dec 2023
  Html, CSS, JavaScript, MYSQL, PHP
  DriveNation is one-stop destination for all things automotive! At DriveNation isn't just a car information website—it is your trusted partner on the road to finding the perfect vehicle.

TECHNICAL SKILLS AND INTERESTS

Tech: Java, C, Python, MySQL, Spark, PHP, Html, CSS, JavaScript, MongoDB, Express JS, NodeJS, PostgreSQL.
Developer Tools: Git, GitHub, Visual Studio Code, Amazon Web Services, Cisco packet tracker.
Operating Systems: Linux, Windows, Ubuntu.
Soft Skills: Problem Solving, Time Management, Teamwork, Leadership, Accountability, Communication.
Areas of Interest: Web development, Computer Graphics, Cloud Computing, Big data Analytics.

ACHIEVEMENTS

- Participated U-17 Khel Maha Kumbh Skating — Jul 2018

CERTIFICATES

- **NPTEL** Understanding Incubation and Entrepreneurship — Jan-Now