

# Vishw Patel

Passionate data science enthusiast with a strong foundation in analytical skills, eager to leverage data-driven insights to solve complex problems and drive impactful decisions.

## Work Experience

**Yama Technology Pvt. Ltd.** May 2024 - June 2024  
AI/ML Intern

- Developed and implemented machine learning models using Python and learned AI/ML Fundamentals.
- Conducted data preprocessing and augmentation to improve model accuracy and performance.
- Analyzed model results and fine-tuned hyperparameters to optimize performance metrics.

**Aasmaan Foundation, Ahmedabad** May 2022 - Jun 2022  
Volunteered at Aasmaan Foundation

- Our team served at Orphanage students

## Educational Background

**B. Tech in Information and Communication Technology.** CPI:9.39  
Pandit Deendayal Energy University, Gujarat. 2025

**Higher Secondary Education** Percentage:81  
The H.B.K High New School, Gujarat 2021

**Secondary Education** Percentage:90  
The H.B.K High New School, Gujarat 2019

## Personal Projects

**Intelligent Anomaly Detection for DDoS Attacks in Autonomous Vehicle Networks (current research)**

- Implemented an Intelligent Anomaly Detection using Q-learning model and Multi Classifier.

**AI-Based Economic Leading Indicator**

- Created an AI-driven model to predict economic trends, with applications in financial forecasting.

**Logistic Regression for Predictive Trading Strategy**

- Implemented a trading strategy using logistic regression and moving averages to generate signals.

**NLP for Spam Detection and Sentiment Analysis**

- Developed models for e-mail spam detection and Yelp review sentiment analysis.

**NLP for Poem and Story Generation.**

- Developed models for generating poems and story similar as humans.

## Contact

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## Skills

### Technical Skills

- Data Analysis and Visualization
- Machine Learning
- Statistical Analysis
- Python Programming
- SQL and Relational Databases

### Tools/Software

- Jupyter Notebooks
- IBM Watson Studio
- Pandas, Numpy, Matplotlib, Seaborn (Python Libraries)
- Scikit-learn
- SQL (for querying databases)

### Languages

- English (Fluent)
- Hindi (Fluent)
- Gujarati (Proficient)

### Certification Courses

- What is Data Science?
- Tools for Data Science
- Data Science Methodology
- Python for Data Science, AI & Development
- Python Project for Data Science
- Databases and SQL for Data Science with Python
- Data Analysis with Python
- Data Visualization with Python
- Machine Learning with Python
- Applied Data Science Capstone
- Generative AI: Elevate Your Data Science Career