

# Rajkumar Madhudiya

## AI/ML Intern

### CONTACT

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📍 Ahmedabad

### PROFILE

Motivated and detail-oriented Computer Engineering student with a strong foundation in Machine Learning, Data Science, and Python programming. Looking for an AI/ML internship to apply academic knowledge and hands-on experience in real-world projects, while expanding practical skills in AI/ML and problem-solving.

### EDUCATION

#### B.E. Computer Science & Engineering

Shri Labhubhai Trivedi Institute of  
Eng. & Tech. - Rajkot  
2021 - 2025  
CGPA : 8.99

#### HSC

Prime Uchcharat Madhyamik Shala  
- Jamnagar  
May - 2021  
First class

#### SSC

Sankalp Madhyamik School  
- Jamnagar  
March - 2019  
First Class with Distinction

### LANGUAGES

English      Hindi      Gujarati

### INTERNSHIP

AI/ML Intern  
Spectrics Solution Private Limited  
July - 2025 - December - 2025

### SKILLS

#### Programming

- Python

#### Library

- NumPy, Pandas, Matplotlib, Seaborn, Pillow, OpenCV, BeautifulSoup, Selenium, Scikit-learn

#### Machine Learning

- Supervised Learning , Unsupervised Learning , Reinforcement Learning

#### Tools

- VS Code
- Google Colab
- Jupyter Notebook
- Git & Github

### PROJECTS

#### 1. Car Price Prediction

Built a machine learning model to predict used car prices using the Cars24 dataset. Applied data preprocessing, EDA, feature engineering, and trained multiple regression models, evaluating them with  $R^2$ , MAE, and RMSE to select the best model.

[https://github.com/rajkumarmadhudiya/Car\\_Price\\_Prediction](https://github.com/rajkumarmadhudiya/Car_Price_Prediction)

#### 2. NSE NIFTY 50 Sector Data Analysis

Conducted an end-to-end analysis of NSE NIFTY 50 sector data scraped from the NSE website using BeautifulSoup. Analyzed trading volume, traded value, and return patterns to identify top-performing stocks and month-wise leaders, gaining insights into market trends and liquidity behavior.

[https://github.com/rajkumarmadhudiya/Stock\\_Market\\_Data\\_Analysis](https://github.com/rajkumarmadhudiya/Stock_Market_Data_Analysis)

#### 3. Spam Email Detection

Developed a spam email classification model using Naive Bayes and Random Forest algorithms. Performed text preprocessing and feature extraction, and evaluated model performance to accurately classify emails as spam or non-spam.