

# VISHAL PATEL

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vishal patel

Github

Portfolio

## ABOUT ME

Backend-focused full-stack developer skilled in Python, PHP, JavaScript, and MySQL. Experienced in building data-driven systems including machine learning models with Scikit-learn and web applications using ASP.NET. Proficient in API integration, database design, and developing automation tools. Strong in delivering scalable, efficient backend solutions with clean, maintainable code.

## EDUCATION

MARWADI UNIVERSITY – M.C.A  
Rajkot 2024 – Present

SMT J.J.KUNDALIYA COLLEGE – B.C.A  
Rajkot 2022 – 2024  
C.G.P.A: 7.41

## TECHNICAL SKILLS

- Languages: Python, PHP, JS
- Libraries: Pandas, Numpy, Matplotlib, Seaborn
- Machine Learning: Scikit-learn, Classification, Regression, Hyperparameter Tuning
- Databases: MySQL, NoSQL
- Version Control: Git, GitHub
- Frameworks: Laravel, Selenium, Scrapy, BeautifulSoup

## SOFT SKILLS

- Eager to learn
- Communication
- Team work

## WORK EXPERIENCE

### SHREE SANSKARDHAM SCHOOL – FACULTY OF COMPUTER [MAY 2022 – APRIL 2023]

Delivered tailored computer lessons by adapting teaching strategies for diverse learning styles and abilities. Provided individualized student support and coordinated with staff to ensure smooth program delivery and effective knowledge transfer of key concepts.

## PROJECTS

### PERSONALITY PREDICTOR

Developed a machine learning model using Python and Scikit-learn to classify personality types from a dataset of 20,000 entries. Performed feature selection and hyperparameter tuning to optimize model performance and achieve high prediction accuracy.

### CANCER DATA ANALYSIS

Conducted comprehensive data analysis on Healthcare data using Pandas and Numpy. Cleaned datasets, handled missing values and created visualizations with Matplotlib and Seaborn to identify breast cancer distribution pattern.

### JEWELLERY E-COMMERCE WEBSITE

Built a full-stack web application using ASP.NET with user authentication and database connectivity. Implemented secure login functionality and role-based access control for an enhanced user experience.

### ANDROID RECIPE APPLICATION

Designed and developed a multi-screen Android App with custom UI components. Created an intuitive interface with home screen and recipe list for better user engagement.

### Paws-vs-Whiskers

Developed an image classification system using convolutional neural networks (CNN) and transfer learning. Implemented with TensorFlow/Keras in Python with Flask backend.