# Rikesh Prajapati

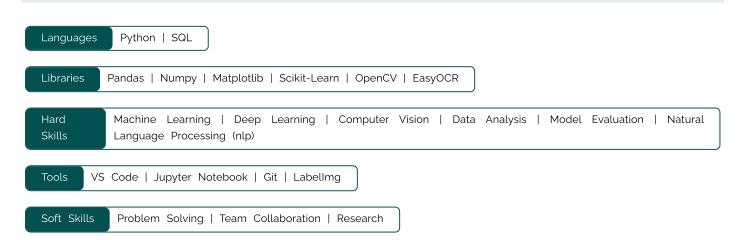
#### **Data Scientist**



## **SUMMARY**

Data Scientist with 1 year of experience, specializing in Machine learning, Deep learning, and Python. Skilled in leveraging SQL, OpenCV, and Pandas to address complex data processing challenges. Proven track record in reducing manual processing time by 70% and achieving 85% accuracy in automated door detection systems, demonstrating the ability to enhance efficiency and reliability.





## WORK EXPERIENCE

Junior Data Scientist Jul 2022 - Jul 2023

#### RapidOps Solution, Ahmedabad

- Developed a door detection system using Python and computer vision techniques, achieving an 85% accuracy rate and reducing manual processing time by 70%.
- Implemented a YOLO model for precise door detection in PDF architecture files, utilizing OpenCV and TensorFlow to enhance accuracy and system robustness.
- Created an optimized data extraction pipeline, improving efficiency by 80% and reducing errors by 70%, by leveraging
  Pandas and EasyOCR to extract and process door information.
- Conducted comprehensive **testing** and **validation**, ensuring an **80% system reliability rate** and addressing potential issues through rigorous **data analysis** and **model evaluation**.

# **PROJECTS**

Door Detection Jul 2022 - Jul 2023

- Automated door identification in architectural floor plans using computer vision, reducing manual effort by 70%.
- Implemented a YOLO model for accurate door detection in PDF architecture files, achieving 85% accuracy.
- Created an efficient pipeline for extracting door information using EasyOCR and Regex, increasing data processing speed by 70%
- Communicated project results effectively to both technical and non-technical stakeholders and collaborated with a team of 4 members, enhancing **team productivity by 70%**.

#### **CERTIFICATIONS**

## Data Science Pro - Fingertips Solution

Sep 2021 - Apr 2022

The Data Science Pro certification covered machine learning techniques including supervised and unsupervised learning, regression, classification, ensemble learning, as well as SQL and Tableau.

Python - Udemy Sep 2022 - Feb 2023

The Python certification for data science included training in Python programming specifically tailored for data science applications.

# Data Science & Machine Learning - Coding Ninjas

Jan 2024

The course covered Machine learning Classification (SVM, Decision trees, KNN, Logistic Regression, Naive Bayes) and Regression. It included Deep learning (ANN, CNN, RNN, LSTM, GRU), Ensemble learning (Bagging, Boosting, Stacking), and practical training in Python, Pandas, NumPy, Scikit-Learn, and advanced NLP techniques.

# **EDUCATION**

Bachelor of ComputerMLSU May 2018 - Jun 2021

Application: Computer

**Applications** 

Senior SecondaryBSER Jun 2016 - Mar 2018

**Education: Science** 

## **ACCOMPLISHMENTS**

- Won "Man of the Match" as an all-rounder in a college cricket tournament.
- Earned multiple badges on LeetCode.
- · Received appreciation from team members for delivering presentations on technical topics.