

Rumit Pathare

Machine Learning Developer

<https://www.linkedin.com/in/rumitpathare>

<https://github.com/Rumit95>

Thane

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An Engineering graduate from Mumbai University, curious in nature with good management and visualization skills. Obsessed with Deep Learning and AI technology. Seeking a job opportunity to work on DL technology, and to grow with the Organisation.

IT Projects

Animal Classification

<https://github.com/Rumit95/Animals-Recognition>

Jan 2023

Technologies used: Python, Deep Learning, CNN, TensorFlow, Keras

- Built a CNN model from scratch using the data provided by Microsoft to help recognizing the animal in an image.

Vehicle Detection

<https://github.com/Rumit95/Vehicle-Detection>

Jan 2023

Technologies used: Python, Ultralytics YOLO v5s, PIL, PyTorch

- Using YOLOv5 for real time objects detection meanwhile Screen capturing using PIL.

One Stop Shop

<https://github.com/Rumit95/one-stop-shop.git>

July 2022

Technologies used: Python, Html, Flask, SQL, Pymysql

- Built a Web Application using Python and its modules, to find a solution to the problems faced by offline shops.

P2P-Loans

<https://github.com/Rumit95/P2P-Loans.git>

Nov 2022

Technologies used: Python, Streamlit, Machine Learning, Pandas, NumPy

- Construct machine learning model that achieves TPR greater than 50% while maintaining a FPR less than 15%.
- Using Algorithms like Regression, Random Forest and Boosting techniques.

Air Pollution Analysis

<https://public.tableau.com>

Nov 2022

Technologies used: Tableau

- Air Pollution in India was at the epitome before the pandemic and after the lockdown, as people started to stay indoors, we have analysed how it affected pollution in general.

Certifications

Python Python for Data Science – IBM

ML ML with Python

DL DL with Python

NLP Natural Language Processing

SQL SQL

CV Computer Vision

Excel Excel Essential Training – LinkedIn

Data Engg Data Engineer Test by Mangtas

Tableau Visualization using Tableau

Work Experience

Freelance 3D Artist

[Freelance.](#)

Mar 2021 – Present

- Designed Rooms local architects for display brochures.

Production & Quality Engineer

[GMP Technical Solutions PVT. LTD.](#)

May 2019 – Dec 2020

- Managed production operations with a key focus on optimal utilization of resources.
- Single-handed managed a team of 50 members in a shift.
- Monitoring and troubleshooting quality issues in production.

Academic Qualification

B.E. Mechanical Engineer

[Mumbai University](#)

March 2013 – May 2018