RUDRAKSH NAIK

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CONTACT

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SKILLS

- Python
- Data Structures
- Data Science
- Machine Learning
- Deep Learning
- MySQL
- Linux
- Git
- Computer Vision
- Image Processing
- Microcontrollers Programming

EDUCATION

Bachelor of Engineering

Pune University

2019 - 2023

College

D.A.V. Public School

2019

School

LANGUAGES

Language	
English	◆◆◆◆◇
Hindi	◆◆◆◇◇
Marathi	◆◆◆◆◇

CERTIFICATIONS

- Machine Learning in Python - Verzeo
- Python Data Structures - Coursera
- Interfacing with Arduino - Coursera
- Linux for Developers - Coursera
- Git and Github - Coursera
- The Raspberry Pi Platform and Python Programming for the Raspberry Pi - Coursera

PROFILE

- I am a Software Developer Fresher, skilled in Python Programming , Data Science.
- I have worked on wide range of projects including Data Science Projects, Research Driven Projects and Computer Vision Applications.
- I have used other necessary programming tools such as Git , Bash , SQL, in order to build my projects.
- Apart from software development, I have also built Microcontroller Projects.

EXPERIENCE

Data Science Intern

Amazatic Solutions LLP   OCT 2021 - MAR 2022

- Performed data analysis on real time data from Postgresql database and implemented Machine Learning Algorithms to optimize sales for advertising data using the most features available in the data warehouse.
- Created reports on Google Data Studio based on the observations drawn from analysis of data to increase the performance of supply chain.

PROJECTS

Student Portofolio using Face Recognition

https://github.com/rud-rax/student-portfolio-using-face-recognition-2.git

- Implemented Face Recognition using OpenCV and Python for biometric authentication as an SAP Hackathon project and was listed under top 100 ideas.
- Application further expands to Face Recognition Door Lock, creating a virtual student portfolio, etc.

Mechanical Drawing Comparison

https://github.com/rud-rax/imageComparison.git

Built an image comparison project as a consultancy project for SIGMA electric to compare two mechanical drawings in order to find out the defects in the drawings.

Amazon Alexa Review Sentiment Analysis

https://github.com/rud-rax/sentimentAnalysis.git

- Aimed at performing sentiment analysis on textual data using natural language processing techniques.
- Used multiple Machine Learning Classification Models and compared the results.
- The Classification model classifies the sentiment of a given piece of text as positive, negative or neutral.

Workout Tracker using Kinematic Pose Estimation

https://github.com/rud-rax/workout-tracker.git

- Implemented Kinematic Pose Detection and Tracking using Python modules (OpenCV , Mediapipe)
- Software assess the user's posture and issues a warning if it detects incorrect form. It monitors the users exercise and acknowledges whether the user performed the necessary workout.