

RISHABH RAJ SHUKLA

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EDUCATION

Dr. DY Patil Institute of Technology

Pune

B.E Information Technology *SGPA: 9.20*

Aug 2019 - Aug 2023

Little Flower House

Varanasi

XII CBSE *Percentage: 78%*

Apr 2018 - Apr 2109

WORK EXPERIENCE

Ivy

Pune

Core Contributor

March 2023 - Present

- I have experience with open-source development and have made contributions to Ivy's frontend functions using libraries such as NumPy, JAX, and PyTorch.
- Writing test cases hypothesis for every frontend function I have written.

Google Developer Students Club

Pune

Machine Learning Lead

Sep 2021 - July 2022

- Hosted a Workshop that gave an excellent insight into this emerging field of Machine Learning.
- To make the workshop more logical, I have built and presented a Machine Learning project from Scratch. It consists of data gathering, Analysis, Visualization, and Model building.
- The workshop was attended by more than 70 students.

SKILLS

Python, Machine Learning, Deep Learning Java, MongoDB, Flask, SQL, Open Source, Git
Libraries- sklearn, tensorflow, PyTorch, opencv, seaborn, matplotlib, pandas, numpy

PROJECTS

Automatic Essay Grading *NLTK, Python, Jupyter Notebook*

[🔗 Project Link](#)

- Trained using Bidirectional LSTM with epoch 25, 50 and 100, between LSTM and input layer, I have used Embedding, added dropout layer.
- Improved MSE from 1.56 to 1.01.

OMR Scanner *OpenCV, Flask, MongoDB, HTML, Javascript, CSS*

[🔗 Project Link](#)

- A full stack web application built to evaluate OMR sheets digitally.
- Used OpenCV to get bird eye view of particular section, then we transformed that section, calculated the circle based on density (above 80%),
- Computed result in CSV file.

Sampark Plasma *Flask, MongoDB, Bootsrtap, HTML, Javascript, CSS*

[🔗 Project Link](#)

- During COVID-19, a full-stack web application was developed to bridge the gap between the Patient and the Donor for Plasma donation.
- Our application helped getting plasma in real time only and also ensuring safe data.

PROFILE

LeetCode [🔗 no_worry_raj](#)

Hackerrank [🔗 rajshukla1102](#)

ACHIEVEMENTS

HackEd V1.0 Hackathon

Hackerearth

- Got *Third* prize for creating and wining an OMR project based on educatinal theme.

Amazon ML Challenge

Amazon

- Secured *217* rank among 7000+ participant.
- This Hackathon was based on E-Commerce Product Listing.