

# SHRAVAN SINGH

Pune, Maharashtra

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## Summary

### Software Developer, AI Engineer, Data Science

*B.Tech in Artificial Intelligence, Honors in Data Science*

- Enthusiastic and Undergraduate with a solid foundation in artificial intelligence and machine learning. Eager to apply academic knowledge and hands-on experience gained through coursework and projects to a dynamic role as an AI Engineer, Data Scientist and Python-Developer. Strong problem-solving skills and a quick learner.

## EDUCATION

### G H Rasoni College of Engineering and Management

*B.tech (Artificial Intelligence) - CGPA - 9.19*

2020 - Present

Pune, India

### Gopal Krishna Gokhale College, Kolhapur

*HSC (Science) - Percentage - 66.61%*

2019 - 2020

Kolhapur, India

### Sou.Ambubai Patil English Medium School, Kolhapur

*SSC - Percentage - 83.20%*

2017 - 2018

Kolhapur, India

## INTERNSHIP

### IST Infotech

12/2023 - Present

*Software Developer Intern*

- Working as Software Developer Intern**, Using most popular language "Python".
- In the Internship, I am working on GAN project.

### CodeClause

12/2022 - 01/2023

*Artificial Intelligence Intern*

- Working in team**, Used most popular language "Python".
- In the Internship, We had made a Simple Plagiarism checker.
- It gives accuracy about 95%.

## PROJECTS

### GUI-Based Human Detection and Tracking using SSD | Python, Tensorflow July 2023- December 2023

- In this project we have developed a Model that count Human and make report of that.
- The model will give a report in PDF Format
- The Project is GUI based and tkinter is used to build a GUI
- Used various Libraries and Algorithms for detect Humans. We had tried HAAR-cascade Classifier, HOG Descriptor and Tensorflow, among which Tensorflow is giving Best accuracy i.e 98%

### Traffic Signal Violation Detection | Python, YOLO, MobileNet

November 2022

- Implemented a system which detects cars/bike from input source like video/camera and gives counting of them as result.
- Used various **Libraries and Algorithms** for detect **cars/bike** which are brake traffic rules.

### Emotion Detection using Face Recognition | Python, OpenCV, CNN(ML Model)

February 2022

- Implemented a system which detects humans face expression from input source like image/video/camera and gives face expression like happy/sad/neutral of them as result.
- Used Machine Learning Algorithm and various Python libraries also.

## TECHNICAL SKILLS

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- **Languages:** Python(Proficient), Java(Proficient), C++(Basics).
- **Technologies/Frameworks/Libraries:** Linux, GitHub, Django(Basics),Numpy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras, Machine Learning, Deep Learning.
- **Developer Tools:** VS Code, Pycharm,Jupyter Notebook, Google Collab,FlutterFlow.
- **Coursework:** Data Structure and Algorithms, OOPS Concepts, Operating System, Database Management System (DBMS), Computer Vision and Deep Learning,Blockchain Technology, Predictive Modelling and Analysis, Amazon Web Services

## CERTIFICATIONS

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- International AI Summit 2k22 (10/2022 - Present) *Certificate ID-ENDIFQ-CE000014*
- AI CodeClause Internship (01/2023 - Present) *Certificate ID-CC-CL3585*
- Machine Learning By Sololearn (05/2022 - Present) *Certificate ID-25779438-1094*
- Joy of Computing using Python (10/2023 - Present) *Certificate ID-NPTEL23CS108S34511555*

## Positions Of Responsibility

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### Presenter at International Paper Presentation

6 January 2024

*International Council on Intelligent Systems and Machine Learning* 

- I had presented a paper on International Council on Intelligent Systems and Machine Learning on topic GUI Based Human detection and Tracking Using SSD..

## Declaration

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- **Shravan Vijaypratap Singh** I do hereby declare that information furnished by me is correct to the best of my knowledge.