

SEERLA SATYA SAI TEJA

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2-6,Near high School,Uppuluru,West godavari,Andhra Pradesh.

My portfolio: <https://satyasaiteja-portfolio.netlify.app/>

CAREER OBJECTIVE

Be in a good position and improve the skills and abilities that offer professional growth and to solve the real-time problems with innovative and technological advancements.

ACADEMICS

| S.NO | School/College                                             | Qualification | Year of Passing | Percentage | Branch                                |
|------|------------------------------------------------------------|---------------|-----------------|------------|---------------------------------------|
| 1    | Sri Vasavi Engineering college,pedatadepalli,West Godavari | B.Tech        | Pursuing(2024)  | 81.64      | Computer Science and Technology (CST) |
| 2    | Sri Sai Aditya Junior College,Rayalam,west godavari        | Intermediate  | 2020            | 97.9       | M.P.C                                 |
| 3    | Indian English Medium High School,Undi,West Godavari       | SSC           | 2018            | 92.15      |                                       |

PROJECT

**Project:** Facial Emotions Detection Using Machine Learning

Facial emotion recognition (FER) is a challenging problem for machine when compared to human and it has encouraged numerous advanced machine learning algorithm. In these days the application

of Facial Detection Algorithm was increased day by day, now a days it is used to identify people in a crowd to monitor citizens for suspicious behaviour, applied in pre emptively stop criminals and potential terrorists, thefts in ATM as soon. Facial Emotion Recognition (Commonly known as FER) is one of the most researched fields of computer vision till date and is still in continuous evaluation and improvement. The idea is, can we detect the emotion a person is having by his/her facial expressions? Of-course as a human we can very easily do that and in-fact we do this thousands of times every day. But can we make our so called dumb machines intelligent enough so they can also achieve human level performance on this emotion recognizing task? See, because we humans have emotions that's why we are easily able to detect other's emotions but that's not the case with machines. When designing an automatic facial expression recognition system, three problems are considered: face detection, facial feature extraction, and classification of expressions. First, face acquisition is a processing stage to automatically locate the face region in the input images. The next step is to extract and represent facial changes caused by facial expressions. Finally, the classification task allows to infer the facial expressions. Implemented the real time recognition system that traces the every mood of the human. Facial Emotion reflects a person's personality, mind and it is shown by face. Built a Convolution Neural Network architecture and trained the model on a dataset for Emotion recognition from images. understand the emotions by making system to understand the human behaviour with the help of the system it achieves greater success in the lives of the people.

**Language used:** Python

**Algorithm Used:** Convolution Neural network (CNN)

## INTERNSHIPS

- Worked as intern (Virtual) at oasis infobyte for 1 month in domain of java.
- Worked as intern(virtual) for one month at Bharat Intern in domain of FullStack Technology.
- Worked as intern(virtual) for one month under IBM skills build program organized by Edunet foundation in Frontend Development.
- Completed 10 weeks of Virtual internship in CyberSecurity Supported by PaloAlto Networks.

## TECHNICAL SKILLS

- Languages :Java,Python,Machine Learning,Data Structures.
- Database: Oracle,Mysql
- Web Technologies: HTML,CSS,javascript,React Js
- Frameworks :Springboot,Django



## **CERTIFICATIONS**

- Basics of Java and python certificates from HackerRank .
- Microsoft Azure AI-900 From Microsoft.
- Foundations of cyber Security Authorized by Google.
- Oracle Machine Learning Associate using Autonomous Database from Oracle.
- AWS Academy Cloud Architecting.
- Zscaler Zero Trust Associate (ZTCA) Certification offered by Zscaler Academy.

## **HOBBIES**

- Playing Games
- Browsing Net

## **STRENGTHS**

- Hardwork
- Self Confidence
- Optimistic

## **LANGUAGES KNOWN**

- Telugu
- English

## **DECLARATION**

I hereby declare that all the above-mentioned information is true and correct to the best of my knowledge.