BALAJI CHALLAPALLI

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Github Link LinkedIn Link

OBJECTIVE

To secure a challenging position as B Tech fresher in a dynamic organization, leveraging my technical knowledge, problem-Solving skills and enthusiasm to contribute effectively to the growth and success of the company.Iam eager to learn and Adapt to new technologies, work in a collaborative team environment, and gain practical experience in my field of study.

EDUCATION

Pace Institute Of Technology & Sciences **Ongole,India**

Bachelor of Technology :Artificial Intelligence and Machine Learning 2021– 2024

Pace Institute Of Technology & Sciences **Ongole,India**

Diploma: Mechanical Engineering 2018 - 2021

Jawahar Navodaya Vidyalaya **Ongole,India**

10th (CBSE) 2017–2018

SKILLS

- **Programming Languages :** Python
- **Database :** SQL, MongoDB
- **MS Office :** Excel,Word, Powerpoint
- **Domain :** Machine learning, Cyber Security
- **Frontend :** HTML, CSS, Boostrap

PROJECTS

- **COVID – 19 DETECTION SYSTEM (Link)**

My project focuses on detecting COVID-19 using machine learning techniques to help identify the virus quickly and accurately. I use supervised learning methods, specifically logistic regression and K-Nearest Neighbors (KNN). These techniques analyze data from medical tests to learn patterns associated with COVID-19. By training the system on known cases, it can predict whether a new sample is positive or negative for the virus. This approach aims to support healthcare professionals in diagnosing COVID-19 efficiently, improving the speed and accuracy of detection.

- **CONVOLUTIONAL NEURAL NETWORK FOR HAND GESTURE RECOGNITION (Link)**

Our project is about recognizing hand gestures using advanced technology to make it easier to interact with devices. We use Convolutional Neural Networks (CNN) and the MediaPipe library to achieve this. CNN is a type of machine learning that helps the computer understand images, while MediaPipe provides tools to detect hand movements. By combining these technologies, our system can accurately identify different hand gestures in real-time. This project aims to create a smooth and intuitive way for people to control devices using just their hand movements.

- **MOVIE RECOMMENDATION SYSTEM (Link)**

Our project is about creating a movie recommendation system that helps users find movies they might like. We use a method called cosine similarity, which compares movies based on their features like genre, actors, and plot. By measuring how similar two movies are, the system can suggest new movies that are similar to the ones a user already likes. This approach ensures that recommendations are relevant and personalized, making it easier for users to discover new favorites..

INTERNSHIPS

- Data Science with python by Codetantra
- Cyber Security Virtual Internship by Eduskills
- MongoDB Virtual Internship by Codetantra
- AWS Cloud Virtual Internship by Eduskills

CERTIFICATIONS

SimpliLearn: Data Science with Python

Canvas : AWS Cloud Foundations

HackerRank : Python

Palo Alto Networks : Cyber Security Fundamentals

LANGUAGES KNOWN

- English
- Telugu
- Hindi

PERSONAL DETAILS

Date of birth	**:**	03/12/2002
Gender	**:**	Male
Father name	**:**	Parameswara Rao
Mother name	**:**	Anjamma

STRENGTHS

- Leadership Qualities
- Passionate
- Easy learning

DECLARATION

I here by declare that all the information given above is true and correct to the best of my knowledge.