

Surya Prakash Challa

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HACKERRANK | GITHUB | LINKEDIN

EDUCATION

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

CSE - AI&ML BACHELOR OF TECHNOLOGY (B.TECH)

CGPA: 6.78

September 2022 - July 2026

Kakinada, India

SRI CHAITANYA JUNIOR COLLEGE

FULL-TIME MPC INTERMEDIATE

CGPA: 5.66

June 2020 - March 2022

Rajamahendravaram, India

APPM AIDED HIGH SCHOOL

FULL-TIME 10TH GRADE

CGPA: 8.28

June 2019 - April 2020

Rajamahendravaram, India

SKILLS

PROGRAMMING LANGUAGES

C, Python, R, Java

LIBRARIES/FRAMEWORKS

TensorFlow, Keras, Scikit-learn, PyTorch, NumPy, Pandas, Matplotlib, Seaborn, SciPy, Statsmodels, OpenCV, XGBoost, NLTK

TOOLS / PLATFORMS

JupyterNotebook, GoogleColab, VSCode, Git, GitHub, Anaconda, PyCharm, Docker, Python IDLE, R Studio

DATABASES

SQL, MongoDB, SQLite

PROJECTS / OPEN-SOURCE

MULTI-FACE ATTENDANCE SYSTEM | [LINK](#) Python, TensorFlow, Keras, Flask, OpenCV, SQLite, Ngrok

Automates attendance with **face recognition**, achieving 95%+ accuracy with data augmentation and model optimization. Built with **Python, OpenCV, TensorFlow/Keras, Flask, SQLite, and Ngrok**.

PANCREATIC CANCER PREDICTION USING ML | [LINK](#)

Python, XGBoost, Matplotlib, Seaborn,

scikit-learn, pandas, NumPy

Predicts the survival status of **pancreatic cancer patients** using an **XGBoost** model, achieving 100% accuracy on a dataset of 10,000 samples. Utilizes **Python, pandas, NumPy, XGBoost, Matplotlib, Seaborn, and scikit-learn**.

CHATBOT USING PYTHON | [LINK](#) Python, Data Structures, Text Processing, NLTK, FuzzyWuzzy, SQLite

A **library management chatbot** built with **Python**, leveraging **NLTK** for natural language processing and **Fuzzy** for matching book titles. Utilizes **SQLite** for data storage.

CERTIFICATIONS

- Certified Python Developer - **PEARSON**
- Certified Machine Learning Specialist - Udemy - **UDEMY**
- Certified Data Scientist with Python - **INFOSYS**
- Certified Deep Learning Specialist with Python - Infosys - **INFOSYS**
- Certified Natural language processing with Python - **INFOSYS**