

SHESHU AKULA

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EDUCATION

University College of Engineering, Osmania University

2021-2025

Bachelor of Engineering in Artificial Intelligence and Machine Learning

TECHNICAL SKILLS

Languages: C, Java, Python

Web Development: HTML, CSS, Flask, Streamlit

Data Science and Machine Learning: Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn, Tensorflow, Keras

Neural Networks: ANN, CNN, RNN, LSTM, Transformers

Database and Version Control: MYSQL, Git, Github

Data Analysis and Visualization: Exploratory Data Analysis, Association Rules, Clustering, Classification Rules, Microsoft PowerBI, Jupyter Notebooks

CERTIFICATES

Data Analysis using Python-Free code camp

Data Analytics Consulting Internship Virtual Internship - KPMG [Forage]

SQL Basic and Intermediate - Hackerrank

Python Basic and Intermediate - Hackerrank

Data Structures and Algorithms - Smart Interviews

Microsoft Power BI - Mind Luster

Machine Learning A-Z™: AI, Python R + ChatGPT Bonus [2023] - Udemy

PROJECTS

Course Tracker | *Python, SQL, Flask* | [Clickable Link](#)

4

- Built a tool to track the progress of courses taken in online or offline by adding course and modules.
- The website is deployed using render. [Link](#)

IPL 2024 Dashboard | *Python, PowerBI* | [Clickable Link](#)

4

- This project aims to create an interactive dashboard for the IPL 2024 season using web scraping, Pandas, and Power BI.
- The data for this project is sourced from various websites, including LiveMint.com, Wikipedia, and IPLT20.com. [PowerBI Report.](#)

TODO List Application | *Python, Flask, SMTP* | [Clickable Link](#)

4

- Built a TODO list website which is used to add your task mark it complete whenever it is completed.
- Used SMTP protocol to send the remainder of the pending tasks before 4 days.
- The website is deployed using render. [Link](#)

Cricket Tournament Organisation | *Python* | [Clickable Link](#)

4

- A program that uses text files and organizes schedule as per team and can make use of scorecards in cricket.

Online Certificate Management | *Python, Streamlit* | [Clickable Link](#)

4

- Used to manage the certificates using link of the certificate. [Link](#)

Movie Recommendation System | *Python, Streamlit* | [Clickable Link](#)

4

- This project implements a movie recommendation system using content-based filtering.
- It analyzes movie data from the TMDb dataset, including genres, cast, crew, keywords, and overviews, to suggest similar movies based on cosine similarity. [Link](#)

Portfolio Website | *HTML, CSS* | [Clickable Link](#)

4

- This portfolio website is a collection of my work, skills, and projects.
- It is built using HTML and CSS and is designed to provide an easy-to-navigate interface to showcase my abilities and achievements. [Portfolio](#)

- IPL Score Predictor** | *Python, Linear Regression, Streamlit* | [Clickable Link](#) 4
- Used to predict the score at the end of the innings based on the runs scored and wickets taken in the last 5 overs of particular teams.
- Human Action Recognition** | *Python, Deep Learning, Flask* | [Clickable Link](#) 4
- Utilized to identify complex human actions within a video.
- Voting Application using C** | *C Language* | [Clickable Link](#) 4
- The application is built using only C language.
 - In this project the user can register,vote and can change password.

PROFILE LINKS

- [Leetcode](#)
- [Hackerrank](#)
- [Code Chef](#)
- [Interviewbit](#)