

Kotagiri Krishna

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EDUCATION

Narsimha Reddy Engineering College, Hyderabad

Bachelor of Technology in Computer Science, AIML

8.7/10

– May 2024

EXPERIENCE

Research Assistant

IIIT-Hyderabad

August 2024 – Present

Hyderabad

- Developing a full-stack web application using Flask, Python, and Google Cloud which generates the Wikipedia compatible Xml files using Dataset.
- Deployed web scrapping app in Google Cloud to scrap more than 250000 pages from a website and Extracting relevant data to store them in Buckets in the form of CSV file.
- Created Telugu and Hindi templates using Jinja2 for automating the Wikipedia Article generation.

Machine Learning Intern

Remote

June. 2023 – Sep. 2023

Hyderabad

- Created 3D objects using Three.js library and arranged them according to the real-time data
- Fetched data using Fast API and data handling.

PROJECTS

Sentiment Analysis and Movie Recommendations | *Python, ML, Flask, MySQL*

Dec. 2024 – Feb. 2024

- Developed a full-stack web application using Flask, TMDB API for fetching real-time Movie reviews and posters.
- Mysql database for storing user login information.
- Created a ML model with some of the classification techniques like Naive Bayes, SVM and Logistic Regression for classifying whether the given Movie Review is "Positive" or "Negative". In this Naïve bayes has the high accuracy percentage with 87 while others around 84 and I have used cosine similarity for creating Recommendations system for recommending the movies.

Face Mask Detection | *Python, Machine Learning, OpenCV, Flask, Git*

Dec. 2024 – Dec. 2024

- Developed a web application with flask and Opencv which allows camera and classifies whether the person wearing mask or not.
- Created a Deep Learning model using a Convolution Neural Network(CNN) to classify whether the given image is with "Mask" or "Without Mask"

TECHNICAL SKILLS

Languages : Python, MySQL, HTML/CSS.

Frameworks : Flask, Scikit-Learn, FastAPI.

Developer Tools : Git, Docker, Google Cloud Platform, VS Code, Anaconda.

Libraries : NumPy, Pandas, Matplotlib, NLTK, Streamlit.

Soft Skills : Problem-Solving, Analytical Thinking, Communication, Team Collaboration.

Machine Learning, Deep Learning, Natural Language Processing and Data Analysis.

CERTIFICATIONS

Machine Learning in Python (**IBM**)

Python Programming (**Value Laden**)

MySQL (**IBM**)

ACHIEVEMENTS

Recieved Researcher, Collaborator, and 9 more badges from **Wikipedia**.

Secured 1348 Rank out of 230000 in September 2022 **Newton's Coding Challenge**.

Recieved Python Programming 5 star from **HackerRank**.

Problem Solving Intermediate **HackerRank**.