Sai Lohitaksh Reddy D

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Academic Qualification

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY   Patiala, India
BE, CSE. GPA-7.87   2020-Present

KRISHNAMURTHY JUNIOR COLLEGE   Hyderabad, India
SSC, Class XII. Percentage - 98   2018 – 2020

GITANJALI SCHOOL   Hyderabad, India
ICSE, Class X. Percentage - 92   2017-2018

Academic Achievements

- Bagged the **first place** in HackOwasp 3.1 for the best project in a three day **Hackathon**.
- Achieved an **A grade** in the course of **Machine Learning - TIET, Patiala.**
- Demonstrated exceptional skills in **Data Science** and **Machine Learning** by achieving a top 20 ranking in a university-wide **Kaggle hackathon**.

Projects

Stand-up Comedy Transcripts Analysis using NLP -   **February, 2023**

- Created a **Natural Language Processing** project that involves analyzing transcripts of **10+ stand-up comedians** and identifying similarities and differences in their style of comedy.
- Showcased the application of natural language processing techniques for **text analysis and generation**, resulting in a **success rate of 25%** for **generating meaningful sentences**.
- Technology Stack - **Python, Jupyter Notebook, NLTK**

Accident Rate Visualisation -   **December, 2022**

- Designed a **Data Science** project to provide an interactive and comprehensive representation of over **50000 entries** of **accident data** in the **United States**.
- Aimed at aiding decision making and analysis, the project proposes achieving a **significant reduction of 75%** in various types of accidents by analyzing the charts.
- Technology Stack - **R, Tableau, Excel**

Fake News Prediction Using Machine Learning -   **November, 2022**

- Developed a **Machine Learning** model to predict fake news by analyzing its features and characteristics on a dataset of more than **20000 entries**.
- Performed **exploratory data analysis**, conducted **data cleaning**, extracted relevant features, and compared multiple models to achieve an accuracy of about **90%** in the project.
- Technology Stack - **Python, Jupyter Notebook, Scikit-learn**

Courses

- **R Programming** - John Hopkins University/Coursera   December, 2022
- **AWS Academy Graduate** - AWS Academy Introduction to Cloud   November, 2022
- **Exploratory Data Analysis** - John Hopkins University/Coursera   November, 2022
- **ELC Activity in Cybersecurity** - TIET, Patiala   October, 2022
- **Artificial Intelligence** - TIET, Patiala   January, 2022

Position of Responsibility

Core | Frosh, TIET - September, 2021 – November, 2022

- Developed a **Flutter app** with a map feature to simplify **navigation** and **exploration** of the college campus for students.

Executive Member | Owasp, TIET - October, 2020 – December, 2021

- Organized and managed multiple college events targeting student engagement.

Overall Media Coordinator | Saturnalia 2022, TIET - October, 2022 – November, 2022

- Provided **leadership** and **direction** to the media team during the **three-day Thapar fest coverage**.

Skills

Technical: Machine Learning, Data Science, R, Python, Artificial Intelligence, NLP, Tableau, C/C++, Dart, Flutter, SQL, Cloud Computing

Soft Skills: Managing Diversity, Effective Communication, Strong work ethic

Extra-Curricular Activities: Member of **Pratigya Abhiyan NGO**, responsible for creating educational videos and covering events.