SAI TEJA SETTIPALLI

📞 571-786-0557 ✉ ssaiteja168@gmail.com 🔗 sai-teja-settipalli

Summary

Motivated and analytically inclined Data Science student with solid foundations in statistics, machine learning, and data analysis. Ambitious, adaptable team player with excellent organization and communication abilities and a knack for multitasking. Passionate about using data-driven methods to tackle real-world challenges.

Education

Arizona State University   **Aug. 2023 – May. 2025**
Master of Science in Data Science, Analytics and Engineering   *3.83 GPA*
Indian Institute of Information Technology, Guwahati   **Aug. 2019 – May. 2023**
Bachelor of Technology in Computer Science   *3.46 GPA*

Experience

Exeevo, Inc.   **Jan. 2023 – Jul. 2023**
Data Engineer Intern   *Bangalore, India*

- Developed and optimized ETL pipelines, ensuring efficient data extraction, transformation, and loading of client data for Data Migration over the cloud and Data Warehousing
- Collaborated with cross-functional teams to provide them with clean data and to gather requirements and designed databases, data pipelines for specific business use cases
- Designed and Implemented internal tools to automate data mapping workflow which reduced the time taken by 70%
- Conducted thorough data analysis and data visualization for insights, trends, anomalies, presenting findings to team

Projects

Disaster Tweet detection Using NLP |

- Conducted a comparative study to check the performance of various Machine learning and Deep learning models in identifying Disaster tweets essentially checking their efficiency in text classification.
- Utilised various NLP techniques to Clean, Lemmatize, Vectorize the data. Generated custom embeddings for training.
- Implemented models like GloVe with LSTM and BERT variations to understand the importance of context in classification and text processing finally obtaining an accuracy of 84%.

Multi-label Plant Disease Prediction |

- Developed a DL Model to identify plants having multiple diseases at the same time utilizing images of leaves.
- Assembled a multi label plant disease data set containing over 3000 images of infected leaves with 6 distinct categories.
- Utilized transfer learning technique to optimize Deep learning models to obtain an accuracy of around 93%.

Medical Facilities Booking Application |

- Created a Web application to facilitate the booking of medical appointments, diagnostics tests and medicines online.
- The Web application also allows viewing of medical reports, doctor notes, financial transactions & inventory of supplies.
- Implemented a chat bot for quick customer support and ML based Heart Disease prediction model which had an accuracy of around 90% to provide suggestions in regards to heart health.

Skills

Languages: Python, C, C++,Java, SQL, Bash, R
Tools & Technologies: Jupyter, Git, MS Office, ETL, SSIS, Apache Airflow, Data Base Management Systems, Big Data, Hadoop, PySpark, Databricks, Data Mining, Data Visualization, Power BI, Data Warehousing, Snow Flake, Data Manipulation, Data Analysis, Machine Learning, Computer Vision, Deep Learning, Keras, Tensorflow, AWS, MS Azure.
Interpersonal Skills: Communication, Presentation, Analytics, Management, Problem Solving, Leadership, Team Work

Extracurricular

Yuvaan - College Fest
Core Team Member   *IIIT Guwahati*

- Interacted with various companies and persuaded them to sponsor our events finally obtaining 4 sponsors
- Negotiated deals with local news firm and handled PR activities at local educational institutions to promote our event
- Took responsibility for organizing various events in collaboration with event sponsors where I lead a team of 5 organizers