VENKATA RAMIREDDY SEELAM

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Education

Bachelor of Science: Electronis and Communications
Sreenidhi Institute Of Science And Technology
GPA: 8.6

07/2023
Hyderabad

Skills

- Python
- Data Structures and algorithms
- SQL
- DBMS
- Problem Solving
- Java
- OOPS
- Machine Learning
- Data Science
- Data Visualization
- Exploratory Data Analysis

Experience

Technical Trainee,Talentio

12/2023 to Present
Hyderabad, India

- Assisted in developing and implementing data structures and algorithms.
- Contributed to designing and optimizing machine learning models.
- Collaborated with senior team members on complex technical challenges

Machine Learning Intern, Internshala:

02/2023 to 05/2023

- Completed training in the fundamentals of Machine Learning, gaining foundational knowledge in this field.
- Acquired skills in exploring and preparing data for analysis, an essential step in any data science project.
- Acquired skills in Deep learning models including CNN, RNN, and ANN.
- Learned logistic regression,Acquired knowledge in decision tree models, Underwent training on ensemble learningtechniques, Completed modules on clustering.

Projects

Predictive Analytics: Customer Churn Prediction

- Developed a churn prediction model using machine learning techniques to forecast customer churn, enhancing decision-making processes for business sustainability.
- Implemented a comprehensive ML pipeline involving data preprocessing, exploratory data analysis, and the application of decision tree, random forest, and XGBoost models for accurate churn predictions.
- Successfully visualized model accuracy through a bar chart, demonstrating the superiority of the XGBoost model with an accuracy of 85%. This project significantly contributes to the understanding mitigation of customer churn in a business context.

SpeakMail: Empowering the Blind with Speech Recognition Email Communication

- The main aim of the project is to be sending and receiving emails for blind people using speech recognition technology.
- The website would use speech recognition technology to convert the user's voice commands intotext, which would then be used to compose and send emails.
- The user would also be able to receive emails using text-to-speech technology, which would read the email contents aloud to the user.

Achievements and Leadership

- Achieved HackerRank GoldStar for exceptional problem-solving skills.
- LeetCode top 15000 coder