Pranay Prasad Pindi

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EDUCATION

Master of Science in Software Engineering System **May 2025**
Northeastern University, Boston, Massachusetts
Relevant Coursework: Data Management and Database Design, Concepts of Object-Oriented Design

Bachelor Of Technology in Computer Science Engineering **July 2023**
Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India
Relevant Coursework: Object Oriented Programming language,

SKILLS AND CERTIFICATIONS

Programming: SQL, Python (Libraries: NumPy, Pandas), Java
Technologies: Angular JS
Data Visualization: Tableau, Power BI, Python Libraries (Matplotlib), MATLAB, Excel

WORK EXPERIENCE

Intern: Web developer in Sova skills education **July 2022**

- Designed and implemented the database schema for storing the user data and I improved the backend infrastructure and established a connection to the backend and frontend. Implemented using: ReactJS, GraphQl, and AWS amplify (full stack).

PROJECTS

Waste Material Classification System using CNN: **Sept 2022 – May 2023**

- This project aims to solve the issue of waste material classification by proposing smart frameworks that can efficiently automate the recycling process. The project uses a deep learning algorithm, specifically the ResNet model of Convolutional Neural Network (CNN), to classify waste materials like cardboard, glass, metal, paper, plastic, and trash. The goal is to achieve the best efficiency in garbage processing solutions to ensure appropriate disposal in recyclable and non-recyclable bins.

Stock Market Sentiment Analysis: **Jan 2022 – Sept 2022**

- This project aims to analyze the impact of sentiment on the stock market using Natural Language Processing and Machine Learning techniques. The Top 25 News Headlines are used to extract financial sentiment, and a model is trained to evaluate whether the stock price has increased or decreased. The project combines historical stock data and sentiment analysis of news headlines to forecast the future price of a stock of interest. Techniques such as lemmatization and count vectorization are used, and classifiers like Random Forest, Naive Bayes, and Logistic Regression are employed for classification.

ACHIEVEMENTS AND AWARDS

- President-Street Cause (SC) student chapter at Gokaraju Rangaraju institute of Engineering and Technology.
- Organizing Committee Member of **RUN FOR A CAUSE**, Hyderabad, India