Pabbu Vinay Goud

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SKILLS

- **Programming Languages:** Python, Java, R, C++
- **Data & Tools:** SQL, Tableau, Excel
- **Soft Skills:** Team Player, Time Management, Problem-Solving, Adaptability

PROJECTS

Sentiment Analysis on US Airline Reviews | *Sep 2024 - Nov 2024*

- Developed an **LSTM-based deep learning model** to classify airline tweet sentiments as positive or negative
- **Preprocessed text data** using tokenization, word embeddings, and sequence padding to improve model accuracy
- Implemented **binary sentiment classification** using **TensorFlow, Keras, and NLP techniques** for real-world applications
- Optimized model performance with **dropout layers, hyperparameter tuning**, and **early stopping**
- Built a **real-time sentiment prediction system**, enabling **automated sentiment tracking** for airline companies

Tech Stack: Python, TensorFlow, Keras, Pandas, Matplotlib, Deep Learning, Sentiment Analysis, Sequence Modeling

Spotify Dataset Analysis Dashboard | *Oct 2024 – Nov 2024*

- Designed an **interactive Tableau dashboard** analyzing **10,000+ Spotify tracks**, uncovering **music trends** and **artist performance insights**
- Developed **key visualizations**, including a **Gantt bar chart (artist popularity vs. genre tempo), dual-axis butterfly chart (danceability vs. acousticness),** and **bar chart (track popularity distribution)**
- Cleaned and processed **100,000+ rows** of raw data using **Excel and Tableau Prep**, ensuring **99% data accuracy**
- Conducted **exploratory data analysis (EDA)** to identify **patterns in track features** such as **tempo, energy, danceability, and popularity**
- Improved dashboard usability with **intuitive navigation, interactive filters, and drill-down features**, increasing **stakeholder reporting efficiency by 40%**

Tech Stack: Tableau, Excel, Tableau Prep, Data Visualization, Data Cleaning, Trend Analysis

TRAINING

Summer Internship Training – Cipher Schools *Jun 2024 -Jul 2024*

- Completed an **intensive 8-week training** focused on **DSA concepts** and **time-space complexity optimization** using **C++**
- Implemented **10+ advanced algorithms**, including **sorting, linked lists, stacks, queues, trees, graphs, and dynamic programming**, enhancing **computational efficiency by 35%**
- Solved **100+ competitive coding challenges** on **LeetCode** and **GeeksforGeeks**, improving **algorithmic problem-solving skills** and **coding efficiency**
- Ranked in the **Top 10% in Cipher Schools' coding assessments**, demonstrating **consistent performance growth** and **technical proficiency**

Tech Stack: C++, Data Structures & Algorithms (DSA)

ACHIEVEMENT

Awarded 2nd Prize in "**Web Wizards**" conducted by Stanley College in Hyderabad *Jun 2023*

- Competed against over 50 participants from various institutions.
- Created a website that **achieved 80%** user satisfaction in post-event surveys.

EDUCATION

• **Lovely Professional University**	**Punjab, India**
Bachelor of Technology - Computer Science and Engineering, **CGPA: 7.01**	*Aug 2022 - Present*
• **Narayana Junior College**	**Hyderabad , Telangana**
Intermediate with Science, **Percentage: 83.4%**	*Apr 2019 - Mar 2021*
• **Narayana High School**	**Hyderabad, Telangana**
Matriculation, **CGPA: 9.00**	*May 2016 – Apr 2017*