# 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

## 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 **algorithmicS 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),

## 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** to prevent overfitting
- 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

## ACHIEVEMENT

Awarded 2nd prize in "Web Wizards" conducted by Stanley College in Hyderbad                  *June 2023*

## EDUCATION

- **Lovely Professional University**                                                        **Punjab, India**

  Bachelor of Technology - Computer Science and Engineering, CGPA: 7.01         2022 - Present

- **Narayana Junior College**                                              **Hyderabad , Telangana**

  Intermediate, *CGPA: 8.34*                                                                  2019 - 2021

- **Narayana High School**                                                   **Hyderabad, Telangana**

  Matriculation,  CGPA: 9.00                                                                  2016 –2017