

# MOHAN R

Bangalore, India

+91 8904090318    [mohanr2883@gmail.com](mailto:mohanr2883@gmail.com)    [mohanr018](https://www.linkedin.com/in/mohanr018)    [Mohan18R](https://github.com/Mohan18R)

## Education

**Don Bosco Institute of Technology**

**Dec. 2021 – May. 2025**

*Bachelor of Engineering in CSE [AI & ML]*

*Bangalore, India*

CGPA: 8.6

## Technical Skills

**Languages:** Python, C++, HTML/CSS, JavaScript, SQL

**Developer Tools/Platforms:** VS Code, GitHub, GIT, Jupyter Notebook, Google Cloud Platform, PyCharm

**Technologies/Frameworks:** NumPy, Matplotlib, Scikit-Learn, Tkinter, Streamlit, Flask, Pandas, Selenium

**Other Skills:** Data Structures and Algorithms (DSA), Problem Solving

## Experience

**Compsoft Technologies**

**October 2023 – December 2023**

*Machine Learning Intern*

*Bangalore, India*

- Worked on the project **Automated Parking System using ML**, where I designed and tested a Machine Learning model tailored to the project's specifications.
- Demonstrated and validated the functionality of the model, ensuring it met the design briefs and client requirements.
- Prepared a comprehensive report highlighting the model's flaws and areas for improvement based on the provided proposal.
- Showcased strong design skills and a self-motivated attitude towards learning new technologies, leading to successful project completion on time.

## Projects

**WhatsApp Chat Analyzer** | *Streamlit, Pandas, Matplotlib, Seaborn*

- Created a Streamlit web application for analyzing WhatsApp chat data, providing detailed insights such as message statistics, timelines, activity maps, word clouds, and emoji usage.
- Utilized Pandas for data preprocessing and visualized results with Matplotlib and Seaborn and deployed the app on Render for real-time access and analysis.

**Multilingual Sentiment Analysis Application** | *Gradio, Whisper, Transformers*

- Developed a Gradio application for real-time multilingual speech recognition using the Whisper model and sentiment analysis with the SamLowe/roberta-base-go-emotions transformer.
- Implemented robust sentiment analysis functions, error handling, and emoji-based emotional feedback, offering users intuitive insights on transcribed audio input.

**Spotify Playlist Generator** | *Python, BeautifulSoup, Spotipy*

- Developed a Python application that scrapes Billboard charts using BeautifulSoup and generates Spotify playlists via Spotipy, featuring top tracks from a selected date.
- Implemented comprehensive error handling and secure user authentication to ensure reliable track search, playlist creation, and seamless integration with the Spotify API.

## CERTIFICATIONS

- 100 Days of Code: The Python Bootcamp - **Udemy**
- Python for Data Structures - **Coursera**
- Introduction to SQL - **University of Michigan**
- AI for Everyone - **Coursera**