

# Ajay Karre

☎ +918688195609 ✉ [karreajay37@gmail.com](mailto:karreajay37@gmail.com)

🌐 <https://www.linkedin.com/in/ajay-karre-737291268>

🐙 <https://github.com/Ajaykarre563>

## Career Objective

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Highly motivated and results-oriented computer science graduate with a strong foundation in technical skills and machine learning. Seeking a challenging position at a company that values innovation and teamwork, where I can utilize my skills to contribute to the company's growth.

## Education

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**Marri Laxman Reddy Institute Of Technology And Management,** 2024  
**Hyderabad-Telangana.**

B-Tech – Computer Science and Engineering (CSE)

CGPA/Percentage: 8.26

**Sri Aadrash Junior College, Hyderabad-Telangana.** 2020

Telangana State Board of Intermediate Education (MPC)

CGPA/Percentage: 9.62

**Panchasheela High School, Hyderabad-Telangana.** 2018

Board Of Secondary Education Telangana (SSC)

CGPA/Percentage: 8.33

## Internships

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**Python Programming at Codesoft.** Remote

## Projects

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### Optimizing Glass Classification by using SVM:

- Tools & Technologies used :Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn.
- This project explores relationships between glass compositions and types using data analysis and machine learning. The goal is to predict glass types based on chemical properties.

### Sales and Profitability Analysis Using Excel:

- This project uses Excel to analyze sales and profits by looking at different countries, products, and months. It helps identify where sales are highest and which products are most profitable.

### Financial News Sentiment Analysis Using NLP and Machine Learning:

- Tools & Technologies used:Python (Pandas, Matplotlib), NLP (TF-IDF, Word2Vec), Machine Learning (Random Forest, SVC).
- This project analyzes financial news using NLP techniques to classify market sentiment. Machine learning models interpret sentiment trends, offering insights for informed investment decisions.

### Forecasting Bitcoin Prices Using Time series Analysis Techniques:

- Tools & Technologies used:Python,Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, and statsmodels.
- This project focuses on forecasting Bitcoin prices using time series analysis techniques, using ARIMA & SARIMA. The aim is to identify patterns in historical data and compare the effectiveness of each method for accurate predictions.

## Technical Skills, Soft Skills and Interests

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Frontend: HTML/CSS, JavaScript

Backend: Python, Java, SQL

Technologies: Machine Learning, NLP, Generative AI, Power BI, MS Office, MS Excel

Python Libraries: Numpy, Pandas, Matplotlib, Seaborn, OpenCV, Nltk, Scikit-learn

Tools: Git, VS Code, Colab.

Soft Skills: Adaptability, Positive attitude, Teamwork, Leadership.

Areas of Interest: Volunteerism.

## Certificates

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Programming Essential in python by Cisco.

Hackerrank Certificate in python.

Hackerrank Certificate in Java.

Hackerrank Certificate in MySQL.

DRF Certificate in DataScience.

## Personal Details

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**Gender** : Male

**Address** : 622 E.W.S Bharat Nagar Colony, Bharat Nagar Moosapet, Hyderabad, Telangana –500018.

**Languages** : English, Hindi, Telugu.

**Hobbies** : Listening Music, Watching movies.

## Declaration

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I hereby certify that the above given data is true and correct to the best of my knowledge and belief.

**Place:** Hyderabad

**Date:**

**Ajay Karre**