

# D SAI CHARAN

Email: damarlasaicharan0305@gmail.com

Ph no: 9989422040

LinkedIn: [www.linkedin.com/in/d-sai-charan-435000356](https://www.linkedin.com/in/d-sai-charan-435000356)

GitHub: <https://github.com/SAI-CHARAN-D>

---

## Objective

Aspiring Artificial Intelligence and Data Science professional with a strong foundation in programming, data analysis, databases, and machine learning. Passionate about solving real-world problems using technology and eager to contribute to impactful projects while continuously learning and growing.

---

## Education

### **Chaitanya Bharathi Institute of Technology(CBIT),Hyderabad**

B.E in Artificial Intelligence and Data Science

CGPA: 9.59 | Expected Graduation: 2027

### **Ignite Junior College**

Marks: 978/1000

### **Triveni Talent Schools**

GPA: 10/10

---

## Technical Skills

- **Programming Languages:** Python, Java, MySQL, MongoDB
  - **Database Management:** MySQL, MongoDB
  - **Web Scraping & Data Processing:** BeautifulSoup, Requests
  - **Machine Learning:** Scikit-learn, Pandas, NumPy
  - **Development Tools:** VS Code, Jupyter Notebook, Google Colab
  - **Languages:** English, Telugu, Hindi
- 

## Projects

### **1. Web Scraper using Python**

- Developed a web scraper using Requests and BeautifulSoup to extract content from webpages based on specified HTML elements.
- Implemented functionality to store extracted data in CSV or JSON format.

### **2. Library Management System (Python & MongoDB)**

- Built a Library Management System using MongoDB and PyMongo.
- Features include book and user management, borrowing, returning books, and tracking overdue books.

- Enforced unique email validation to prevent duplicate registrations.

### **3. Student Management System (Java & MySQL)**

- Implemented a console-based Student Management System using Java and JDBC.
- Connected to a MySQL database for storing student records such as roll number, name, age, grade, CGPA, and attendance.
- Included warnings for students with attendance below 75%.

### **4. Stock Price Prediction using Random Forest**

- Developed a stock price prediction model using historical data from Yahoo Finance (yfinance).
- Integrated technical indicators such as Moving Averages, RSI, and Bollinger Bands.
- Trained a Random Forest Regressor and evaluated performance using MAE and RMSE.

---

### **Achievements**

- JEE Mains 93.94 percentile.
- Solved 50+ coding questions on HackerRank and LeetCode.
- Completed multiple data science and software development projects.
- Actively solving coding problems to enhance problem-solving skills.

---

### **Certifications**

- Associate Developer MongoDB (Planned)
  - Prompt Engineering for GenAI - Internshala
-