

D SAI CHARAN

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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
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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
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