

# T SAI RAM CHARAN

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## Education

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### B.Tech in AI & DS

Sagi Rama Krishnam Raju Engineering College (CGPA of 9.27)

**Expected Graduation : April 2024**

Andhra Pradesh, India

### Board of Intermediate Education

Sri Chaitanya Jr College (Percentage of 94.9)

**2018 - 2020**

Andhra Pradesh, India

### Board Of Secondary Education

Bhashyam Public School (Percentage of 98)

**2017 - 2018**

Andhra Pradesh, India

## Experience

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### Henotic Technologies

**Jul 2022 – Sep 2022**

AI-ML Intern | [Certificate](#)

Bhimavaram, India

- Built a predictive model with the use of machine learning algorithms to forecast whether it will rain tomorrow or not based on today's weather condition
- Exploratory data analysis has been implemented on the data in order to get more knowledge on each individual column in the dataset

## Projects

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### Query Resolution Forum | PHP, MySQL, Javascript, BootStrap | [Website Link](#)

January 2023

- Created a Discussion forum website in which users can discuss queries related to any topic after secure login through registration into the website.
- Users can discuss their doubts in respected threads and get them resolved.
- Used **PHP** for backend development and used **MySQL** as database.

### Salary Prediction | Python | [Github Link](#)

June 2022

- Built a model that predict the employees salary based on job description using different **Machine Learning Algorithms** (Linear regression, Random Forest, and Gradient Boost)
- GradientBoosting with transformed and scaled features provided the best results (lowest MSE)

### Automatic Street Light System | Embedded C | [Video Demo](#)

March 2022

- Built an Automatic Street Light System using Arduino board which automatically senses the light and traffic and automatically provide sufficient light in **Embedded C**
- The street lights will be turned on only if there is less lighting and if there is any moving object detected

## Achievements

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- Solved more than 1000+ coding problems across multiple platforms
- Scored a percentile of 93.7 in JEE Mains among 1.2 Million candidates
- Secured an all India Rank of 3400 in AP Eamcet exam

## Profile Links

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- [GeeksForGeeks](#)
- [LeetCode](#)
- [HackerRank](#)
- [CodeChef](#)

## Technical Skills

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**Languages:** C++, Python, PHP, HTML/CSS, JavaScript, Java

**Frameworks/Libraries:** ExpressJS, Pandas, Numpy, scikit-learn, Bootstrap

**DataBases:** MySql, MongoDB