

# PAVAN SAI EKAMBARAPU

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## CARRER OBJECTIVE

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Looking for a challenging role in a reputable organization to utilize my technical skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

## EDUCATION

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| <b>TEC, Tirumala Engineering College, Jonnalagadda</b><br><i>B.Tech - Computer Science and Engineering-AIML - CGPA - 8.3</i> | <b>2021 – Present</b><br><i>Jonnalagadda, Andhara Pradesh</i> |
| <b>GR JUNIOR COLLEGE, chilakaluripet</b><br><i>10+2 - MPC - GPA - 8.5</i>  | <b>2021</b><br><i>chilakaluripet, Andhara Pradesh</i>         |
| <b>SPTRKM EM SCHOOL, chilakaluripet</b><br><i>Class 10 - GPA - 9.7</i>   | <b>2019</b><br><i>chilakaluripet, Andhara Pradesh</i>         |

## PROJECTS/INTERNSHIPS

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### POLICE STATION MANAGEMENT SYSTEM WITH CRIME ANALYSIS PREDICTION

- This project aims to create a web-based management system for a police station, facilitating various functionalities for both officers and the public. The system is designed to enhance communication, streamline processes, and manage sensitive data securely, while also incorporating crime analysis and prediction features.
- HTML/CSS for structuring and styling the web pages and JavaScript Utilized for form validation and dynamic interactions and Google Sheets For managing and storing case records efficiently and Data Analysis Tools Potential integration with libraries to analyze and forecast crime trends.
- Technologies Used: HTML, CSS, JavaScript, Google Sheets, and data analysis libraries.

### IPL-ML-PROJECT: Ipl Match Prediction Web Application

- In this web application using FLASK for predicting the winner of IPL matches based on team statistics and match conditions. This project utilizes machine learning techniques to provide real-time predictions, enhancing fan engagement and analytics.
- This project leverages FLASK for the backend, enabling server-side logic and routing, while using Pandas for data manipulation and analysis of IPL match data from 2008 to 2022.
- Tech Stack : HTML,CSS,FLASK, PANDAS , SCIKIT-LEARN.
- And the Outcome of this project not only showcases my skills in web development and machine learning but also provides a fun and interactive way for cricket fans to engage with match predictions.

## TECHNICAL SKILLS

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**Programming Languages:** C,Java,Python

**Technologies/Frameworks:** HTML5, CSS3,Javascript,Bootstrap

**Libraries:** Numpy,pandas,Keras,Tensorflow and Matplotlib

**Databases:** DBMS, MySQL ,PHP

**Developer Tools:** VS Code,Git Hub

**Soft Skills:** Problem Solving,Effective Communication,Team Work,Adaptability,Continuous Learning

## CODING PLATFORMS

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- Solved **150+** Problems on **Leetcode** [↗](#)
- Solved **150+** Problems across **GeeksforGeeks** ,**CodeChef** , and **Hackerrank**. [↗](#)
- Hackerrank Max Rating in python 4 Star [↗](#)
- Hackerrank 5 Star on problem solving [↗](#)

## CERTIFICATIONS

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- Machine learning Certification- EDX
- Python internship Certification - CSCODENZ
- Deep Learning Certification - NPTEL
- Data Science Certification - NPTEL
- AI-ML-DS Short Term Internship - BLACKBUCS