Ravikumar Chavva

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Professional Summary

As a dedicated student pursuing a Bachelor of Technology in Computer Science and Engineering, with a specialization in Data Science, I can bring s strong foundation in analytical thinking as well as machine learning skills. Proficient in programming languages like Python and C, and passionate about continuous learning and applying knowledge to real-world challenges. Seeking an internship opportunity to leverage my skills in machine learning, data analysis, and software development to contribute to innovative projects and gain hands-on industry experience.

Projects

IPL Score Prediction   **2022**

Project Overview: Created a machine learning model that accurately predicts final scores in cricket matches, specifically tailored for the Indian Premier League (IPL).

Key Features:

- **Input Parameters:** Analyzed current runs, wickets, overs completed, and additional in-game statistics

- **Machine Learning:** Applied regression techniques, achieving a prediction accuracy of 92%

- **Web Interface:** Designed and developed a user-friendly Flask web application for interactive score predictions.

- **Containerization:** Dockerized the application, resulting in improved deployment consistency and scalability

- **Deployment:** Deployed the application on Google Kubernetes Engine (GKE) for a successful demonstration

Education

Sri Venkateswara College of Engineering, Tirupati, India   **2021-present**

Major: Data Science | Bachelor of Technology (B. Tech) in Computer Science and Engineering

Current CGPA- 8.52/10

Skills & abilities

- Problem solving
- Management
- Data Analysis
- Machine Learning
- Cloud computing

- Python
- SQL
- Tensorflow, Scikit-learn
- C
- Git, Docker, Kubernetes