Yaswanth Babu Patnam

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ABOUT ME

Aspiring Machine Learning Engineer with expertise in Python, Flask, API integration, and Data Science. Strong background in backend development and real-world applications. Skilled in deploying AI-driven solutions and integrating ML models with web platforms.

PROFESSIONAL EXPERIENCE

Think-Champ Pvt Ltd - Front End Development Intern

- Developed responsive web pages using HTML, CSS, JavaScript, improving user engagement by 25%.
- Integrated RESTful APIs to dynamically fetch and display data, reducing data retrieval time by 40%.

PROJECTS

AI Resume Analyzer & Job Recommender

- Developed a Flask-based web app to analyze resumes using AI, improving job match accuracy by 85%.
- Implemented NLP resume parsing using spaCy/BERT, reducing processing time by 60%.
- Built an interactive dashboard using Jinja, Bootstrap, and AJAX, enhancing user experience.

Stock Prediction AI

- Designed an AI-powered stock market prediction system using Yahoo Finance API.
- Implemented Random Forest Classifier, achieving 78% accuracy in predicting stock trends.
- Utilized scikit-learn for feature engineering, boosting model efficiency.

EDUCATION

Bachelor of Technology in Computer Science & Machine Learning
Siddharth Institute of Engineering and Technology (2022-2026)

CERTIFICATIONS

- The Joy of Computing Using Python (NPTEL) - Mastered Python fundamentals.
- Introduction to Machine Learning (Kaggle) - Applied ML techniques on real datasets.
- Psychological Aspects of Game Design (edX) - Learned UX principles in game development.

CORE COMPETENCIES

Programming Languages: Python, SQL, HTML, CSS

Frameworks & Libraries: Flask, Beautiful Soup, scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib

Development Environments: PyCharm, Visual Studio Code

Version Control: Git & GitHub

Software & Tools: Power BI, Excel, PowerPoint, MySQL