Prasanth Tirupati Reddy

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https://prasanthnimmala0.github.io/Prasanth$_R$esume/

Summary

A self-motivated Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning. Passionate about building data-driven applications, with hands-on experience in machine learning, chatbot development, and full-stack web projects. Always eager to learn and contribute to impactful solutions.

Skills

Programming Languages: Python, SQL, HTML, CSS
Frameworks / Libraries: NumPy, Pandas, Scikit-learn, Matplotlib
Tools: Git / GitHub, Postman

Projects

Titanic Survival Prediction *Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook*
Developed a machine learning model to predict passenger survival on the Titanic using classification algorithms such as Logistic Regression, Random Forest, and SVM. Achieved an accuracy of 90% on the test set after performing data preprocessing, feature engineering, and model tuning.
https://github.com/PrasanthNimmala0/titanic-survival-prediction

College Chatbot *Python, NLTK, Scikit-learn, Flask, HTML, CSS*
Built an AI-powered chatbot to answer frequently asked college-related questions. Implemented NLP for intent classification and response generation. Integrated into a simple web interface using Flask. The model achieved 92% accuracy in predicting correct intents from user input.
https://github.com/PrasanthNimmala0/college$_c$hatbot

Personal Portfolio Website *HTML, CSS, JavaScript*
Designed and developed a fully responsive personal portfolio website to showcase projects, skills, and resume. Optimized for mobile and desktop views. It helps present work professionally and enhances online visibility.
https://github.com/PrasanthNimmala0/Prasanth$_R$esume

Education

B.Tech in Computer Science with specialization in AI and ML *Sep 2022 – July 2026*
Vellore Institute of Technology, Vijayawada, Andhra Pradesh
CGPA: 8.0

Certifications & Achievements

- Completed **Python Programming Essentials** by Rice University via Coursera

- Earned **MERN Full Stack Development** Certificate from Ethnus, August 2024

- Successfully completed **Fundamentals of Artificial Intelligence** Training, June 2025