Enagandula Pranay Shiva Goud

AI Engineer | Data Scientist

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EDUCATION

Narsimha Reddy Engineering College 08/2019 – 08/2023
Computer Science and Engineering B-Tech Hyderabad

Sri Gayatri Junior College 06/2017 – 03/2019
MPC Intermediate Hyderabad

Indur Model School 06/2016 – 03/2017
SSC Nizamabad

SKILLS

Programming Languages
Python

Database
MySQL

Libraries/Frameworks
Pandas, Numpy, Seaborn, Matplotlib, Machine Learning, Deep Learning, Computer Vision, NLP

Tools
Jupyter Notebook, Google Collab, GitHub, VS Code

EXPERIENCE

Spadecode Intelligence Pvt. Ltd. 04/2025 – Present
Associate Data Scientist Hyderabad, India

- Developing an AI-powered interview bot that converts speech to text using Whisper and generates text-to-speech responses.
- Designing and implementing algorithms to generate interview questions and evaluate user responses for accuracy and relevance.
- Enhancing user interaction and feedback through real-time AI-driven conversation analysis

PROJECTS

Sleep State Detection from Wrist-Worn Accelerometer Data
This project developed a machine learning pipeline to classify sleep and wake states from ENMO and angle-Z accelerometer signals using ensemble and boosting algorithms (XGBoost, CatBoost, LightGBM). Class imbalance was addressed using SMOTE, and models were evaluated with accuracy, precision, recall, and F1-score to enable robust sleep onset and wakeup detection.

Email Spam Ham

This project builds a spam detector that classi es emails as spam or ham (not spam) using Natural Language Processing (NLP) and Machine Learning (ML). The dataset is preprocessed using CountVectorizer to convert email text into numerical features while removing stop words. The data is then split into training and testing sets, and multiple ML models, including Logistic Regression, Random Forest, SVM, Nave Bayes, and Decision Tree, are trained and evaluated based on accuracy. A Streamlit web app allows users to input an email message, select a model, and predict whether the email is spam or not. This project helps users lter unwanted emails e ciently and enhances email security.

Python Code Reviewer

This project leverages Gemini Al to analyze and review Python code for syntax errors, best practices, performance optimization, and coding standards. Users can input their Python code, and the AI provides feedback on improvements, potential bugs, and e ciency enhancements. The system integrates Natural Language Processing (NLP) to understand code semantics and o er meaningful suggestions. A Streamlit-based UI allows users to easily paste code and get AI-generated reviews. This project is useful for developers, students, and professionals looking to enhance code quality and maintainability e ciently.