KAGITALA SAMEER

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Professional profile

Proactive and detail-oriented Computer Science graduate specialized in Artificial Intelligence from Parul University. Strong foundation in full-stack web development and machine learning. Skilled in building and deploying real-world applications using Python, JavaScript, Flask, Django, and React.js. Eager to contribute technical skills in a challenging, growth-oriented role and thrive in agile environments

Projects

1. Cardiovascular Disease Prediction using Machine Learning

- Developed a machine learning model to predict cardiovascular diseases using patient health data.
- Implemented feature selection, data preprocessing, and model training using Python, Flask, and Scikit-learn.
- Integrated a user-friendly web interface to display predictions and risk analysis.
- Hosted the application for real-time predictions.

2. Spotify Genre Segmentation

- Designed a model to classify songs into different genres using data analytics and machine learning.
- Processed large datasets of Spotify tracks and extracted meaningful audio features.
- Built a Flask-based web app to allow users to input song data and get genre predictions.
- Achieved high accuracy by optimizing algorithms and hyperparameters.

Education

- B. Tech – CSE (Artificial Intelligence)   2021- Present
  Parul University   Vadodara, Gujarat.
  - 12th - Grade   2019-2021
   Narayana JuniorCollege   Hyderabad, Telangana
  Percentage – 73%
  - 10th - Grade   2019
  Vignan (EM) High School CGPA   Guntakal, Andhra Pradesh.
  – 7.5

Certifications

- **Artificial Intelligence Internship** – [Lakshya space], [March& 2025]
- **Full Stack Web Development Internship –** [Edu-Versity],[November&2024]

Skills

Programming & Development
- Python (Flask, Django)
- JavaScript (React.js)
- Data Structures & Algorithms (DSA)
- REST API Development & Integration
- HTML5, CSS3

Databases
- PostgreSQL
- MySQL
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Machine Learning & AI
- Model Training & Deployment
- Data Preprocessing & Feature Engineering
- Classification & Regression Models

CMS & Hosting
- WordPress (Learning)
- Elementor (Basic)
- Hostinger (Used for Deployment)

Tools & Technologies
- VS Code
- Jupyter Notebook
- Git & GitHub

Soft Skills
- Communication
- Team Collaboration
- Agile Methodology
- Problem Solving

Languages

• English (Fluent), Telugu (Native), Hindi (Conversational)