Jiya Deshmukh

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Summary : Passionate Machine Learning and AI enthusiast with hands-on experience in Python-based data preprocessing, model development, and evaluation. Skilled in implementing algorithms such as Linear Regression, Logistic Regression, Decision Trees, and KNN. Proficient in working with data pipelines using NumPy, Pandas, and Scikit-learn, along with basic experience in deep learning using TensorFlow. Committed to contributing to real-world machine learning projects and continuously improving analytical and problem-solving skills.

Career Objective: To obtain a Python Developer position where I can contribute to impactful projects while enhancing my skills in backend development, automation, and data analysis.

Professional Qualification:
- ❖ Pursuing B.Tech from Acropolis Institute of technology and research, Indore - CSE(AIML)
- ❖ Current CGPA – 8.36

Educational Qualification:
- ❖ 10th from Career Academy School (MP Board) with 86.60% in 2022.
- ❖ 12th from Career Academy School (MP Board) with 87.20% in 2024.

Technical Skills:
- ❖ **Programming Language:** C++, Python
- ❖ **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Open CV, Beautiful Soup
- ❖ **Machine Learning, Libraries:** Scikit Learn, Tensor Flow
- ❖ **Database**: SQL, Excel
- ❖ **Tools:** VS Code, Jupyter Notebook, Git, GitHub

Model Training: Linear Regression:
- ❖ Trained and evaluated a linear regression model to predict outcomes from student academic dataset.
- ❖ Performed data processing and feature selection
- ❖ Evaluated model performance using metrics such as MSE and R^2 Score

Tech : Python, Scikit-Learn, NumPy, Pandas, matplotlib, seaborn

Model Training: Logistic Regression:
- ❖ Developed a classification model to predict student placement using dataset.
- ❖ Trained and evaluated Logistic Regression model
- ❖ Achieved reliable classification performance using accuracy & confusion metrics

Tech : Python, Scikit-Learn, NumPy, Pandas

Data Wrangling and Data Analysis Project
- ❖ **Role**   : Cleaned and analyzed data
- ❖ **Teck Stack**   : Python, Python Libraries-(NumPy, Pandas, Matplotlib, Seaborn)
- ❖ **Description**   : Cleaned, processed, and visualized datasets to extract meaningful insights.

Major Project :

1. Web scrapping and Frequency Count
- ❖ **Role**   : Built Script to extract and analyze website
- ❖ **Tack Stack**   : Python, Web Scrapping, Beautiful Soup
- ❖ **Description**   : Developed a Python script to automate website scraping, extract structured data, and perform frequency analysis.

2. Amazon Web Clone
- ❖ **Role**   : Frond-end Developer
- ❖ **Tack Stack**   : HTML, CSS

Description   : Developed a responsive Amazon homepage clone as part of a learning project

Certifications :   1.Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

2.Oracle Cloud Infrastructure 2025 Certified Data Science Professional

Strengths   : Quick learner, hard-working, positive attitude, willingness to grow

Areas of Interest : Python Development, Data Science, Machine Learning

Languages : English, Hindi, Marathi

Address : Indore, MP