Samruddhi Wagh

Data Scientist | AI/ML Engineer

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Have gained good exposure to understand various aspects of Data Science through Master's Program which has developed a great sense of confidence at avery personal level. Hence, I seek a challenging position in the area of **Data** Science, Machine Learning, Data Analysis & related fields where I canshare my skills and expand my capabilities further in the pursuit of progressive career advancement



- 1. Project Title Customized Question answering (chatbot) using large language model (LLM) on database given in pdf files-**Description -**
- Used **PyPDF2** to extract text from uploaded PDF.
- Employed LangChain and OpenAI for natural language processing.(NLP)
- Implemented a question-answering system with LangChain.
- Integrated **FAISS** for efficient document storage and retrieval.
- Utilized Python for backend development, incorporating Flask for the web interface.
- 2. Project Title Extraction Payment Term from bank loan documents Using Named entity recognition (NER) **Description-**
- Developed an NER model with SpaCy in NLP, Python for extracting payment term
- Conducted efficient data preprocessing on a JSON dataset.
- Utilized **Python** for backend development, incorporating **Flask** for the web interfa
- Implemented visualization of NER results using **SpaCy's displacy** module.
- 3. Project Title Agricultural Prediction System-**Description** -
 - **Identification** and **integration** of diverse data sources for agricultural insights, conducting Exploratory Data Analysis (EDA) for informed decision-making.
 - Data preprocessing techniques, including Missing Value Treatment, Outlier Treatment, Label Encoding, and Skewness Treatment, to enhance data quality.
- Conducted a Comparative Study of various **Classification Models**, selecting the or model based on rigorous evaluation metrics.
- Pioneered a Convolutional Neural Network (CNN) based image recognition systematical systematics of the convolutional Neural Network (CNN) based image recognition systematics. crop disease identification, achieving an 85% accuracy rate in disease diagnosis.



Masters Of Computer Application (MCA) 2021-2023

Sinhgad Institute of Management, Pune university (MCA Final Year Topper)

CGPA - 9.14 Percentage - **86.89** %

Bachelor of Computer Application (Science) 2018-2021

MES Abasaheb Garware College, Pune University (BCA Academic Rank Holder)

CGPA- **9.80** Percentage - 89.41%

Feb-2018

Sinhgad college of Arts, Science & commerce

Percentage - 73.69%

HSC (Science)

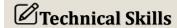
* SSC March-2016

Sinhgad Spring Dale School Percentage - 87.20%

Work Experience

CodeSpyder Technologies Pvt. Ltd., Pune. **June 2023- November 2023** Data Science Intern.

- Had hands-on experience on Python
- Used python to analyse large data sets.
- Created Machine Learning, Deep Learning and Natural Language Processing Models using python.
- Created Web Application using python , MySQL, HTML, Flask
- Used knowledge of **Exploratory analysis** to extract insights and uncover important groups, trends and relationships in data.



- Python: Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Tensorflow, Keras
- Machine Learning :- Linear and Logistic Rgression, K-Nearest neighbors (KNN), Support vector machines (SVM), DecisionTree, Random Forest, XgBoost, K-Means Clustering
- Deep Learning:-ANN, CNN, LSTM, Computer vision
- **Natural Language Processing (NLP)**
- **Object Oriented Programming** Language
- Flask
- HTML5, CSS
- SQL

2 Achievements

- First Rank in Academics MCA Final year
- First Rank in Academics FYMCA
- Third Rank in Academics TYBCA
- Third Rank in Academics SYBCA
- First Rank in Academics FYBCA