AMAL MUHAMMED

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PROFILE INTRODUCTION

Enthusiastic and self-motivated Computer Science graduate seeking a entry-level position within a large organisation as a Data Scientist or Machine Learning Engineer. Possess excellent communication and collaboration skills, eager to learn and grow within a supportive team environment. Eager to leverage skills in Artificial Intelligence, Neural Networks, and Algorithms to contribute to the companies and personal growth.

HARD SKILLS

Python Proficiency
SQL Database
Machine Learning Models
Open CV

Natural Language Processing
Numpy and Pandas
Tensorflow
Git

Pytorch
Deep Learning Models
Chat GPT
Langchain

SOFT SKILLS

Communication Skills
Numerical Analysis

Self Learning
Problem Solving

Convey Complex Concepts
Business Understanding

PROJECT EXPERIENCE

Intelligent HR   **March 2024**

Developed **Intelligent HR**, an AI-powered interview preparation bot. This system analyses resumes and job descriptions to generate tailored interview questions, delivered via a user-friendly voice assistant interface. After the mock interview, Intelligent HR provides feedback and pinpoints areas for improvement.
Technolgy Used : OpenAI LLM, Streamlit, Langchain, FAISS DB.

Review Sentiment Analysis   **January 2024**

Developed a sentiment analysis system to classify customer feedback into positive, neutral, or negative sentiment. Employed both classical machine learning (Logistic Regression, 81% accuracy) and state-of-the-art Transformer models (RoBerta, 90% accuracy) on Amazon review data. Leveraged NLP techniques including spaCy, NLTK, TF-IDF, BoW, lemmatization, stemming, and EDA.

Github : https://github.com/Amallmmd

EDUCATION & CERTIFICATIONS

Bachelor of Computer Application
Majors: Maths and Computer Science
Mahatma Gandhi University
7.3 CGPA

Self Taught

EXTRACURRICULAR ACTIVITIES

National Service Scheme (NSS)
MES College

Hackathons
MES College

- Covered topics including Data Science, Machine Learning, Deep Learning, Generative AI, NLP, Feature Engineering, RAG Modeling, Data Structures, Statistics and Probability, Web Development.
- Trained in communication and personality development.