Anshad Aziz

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SUMMARY

Passionate AI & Machine Learning student with a strong foundation in data analysis, model development, and deploying machine learning algorithms. Hands-on experience with projects and internships in AI, including predictive modeling, NLP, and data visualization. Eager to contribute to innovative AI solutions

SKILLS

Programming Languages: Python, C, Java

Machine Learning: scikit-learn, TensorFlow, Keras

Data Visualization: Matplotlib, Seaborn, Plotly

Web Development: Flask, Streamlit

Database Management: SQL

Version Control & Collaboration: Git

Development Tools & IDEs: Visual Studio Code, Jupyter Notebook, Google Colab

Soft Skills: Problem-Solving, Team Collaboration, Technical Writing

EDUCATION

Bachelor's of Engineering – Artificial intelligence & Machine Learning 2021-Present CGPA:8.5

Mangalore Institute of Technology & Engineering**,** Mangalore

Senior Secondary (12th) - GHSS Kumbla,Kasaragod 2019-2021 Percentage:90%

Secondary School (SSLC) – GHSS Mogral Puthur, Kasaragod 2018- 2019 Percentage:85%

INTERNSHIP

DLithe | Machine Learning Intern

October 2023 - November 2023

Project: Crop Price Prediction Project
Technologies: Streamlit, NumPy, Pandas, Seaborn, Matplotlib, scikit-learn (Random Forest Regressor)
Description: Developed a crop price prediction model using Random Forest Regressor, improving price prediction accuracy by 15% compared to traditional methods.

EY | Data Analytics Intern

December 2023 - January 2024

Project: Diabetes Prediction Project
Technologies: NumPy, Pandas, Seaborn, Matplotlib, scikit-learn
Description: Developed a Python machine learning model to predict diabetes using Support Vector Machines (SVM).

PROJECTS

Hair and Scalp Disease Detection Using CNN
September 2024 – December 2024

Tools: TensorFlow,Flask,GoogleGenerativeAgent

Technologies: Designed and implemented a custom 11-layer CNN model to classify 10 types of hair and scalp diseases. Built and preprocessed a comprehensive dataset of disease images for training and evaluation. Developed a Flask-based web application for real-time disease detection and integrated it with Google Generative Agent to provide intelligent and interactive user assistance.

DocuMind AI (Groq) – AI-Powered Research Assistant
June 2024

Tools : Streamlit, Python, FAISS, LangChain, HuggingFace, Groq LLM

Technologies: Developed an AI-driven document analysis chatbot that processes PDFs, indexes content using FAISS, and retrieves relevant information via semantic search. Integrated Groq's ultra-fast LLM for intelligent question-answering based on research documents.

Resume Screening App
March 2024

Tools: Python, Streamlit, scikit-learn

Technologies: Leveraged Artificial Intelligence and Natural Language Processing to automate resume screening using TF-IDF for feature extraction and machine learning models for job category prediction. Integrated the app with a user-friendly interface to provide recruiters with valuable insights during the hiring process.

FilmFinder: Movie Recommendation System
April 2023

Technologies Used: Python (pandas, numpy, sklearn), NLP, Machine Learning (Cosine Similarity)

Description: Developed a movie recommendation system leveraging cosine similarity for accurate suggestions based on movie descriptions and attributes. Applied Python with pandas, numpy, and sklearn for data handling and machine learning, integrating natural language processing techniques for enhanced recommendation accuracy.

Tomatoes-Ripe-Unripe-Prediction-ResNet18
March 2023

Technologies: Python, TensorFlow, ResNet18, Annotation Lab

Developed a machine learning model using ResNet18 to predict the ripeness of tomatoes based on annotated images.
Created a dataset with annotated images of tomatoes at various stages of ripeness.
Utilized an annotation lab for precise and accurate labeling of ripeness status.
The project aimed to support research and development in agricultural automation.

COURSES & WORKSHOPS

- **Foundations of Cybersecurity**
- **Machine Learning with TensorFlow on Google Cloud**
- **Advanced Data Analytics**
- **Computer Vision 101**
- **Practical HTML5 Mastery Course**
- **Building Language Models on AWS**
- **Google Cloud Big Data and Machine Learning**