



ALI AHAMMAD

Career Objective

Seeking an Associate Software Engineer position that will allow me to utilize my expertise in software development, data science, machine learning, deep learning, and data analysis. I am eager to contribute to innovative projects and collaborate with a talented team to drive impactful technological advancements and expand my knowledge.

Professional Experience

Freelance Full Stack Web/ML/DL Developer

March 2020 – Present

Programming Language Trainer

May 2021 – September 2022

G-Tec Computer Education, Karicode, Kollam, Kerala, India

Certifications and Training

Master in Data Science

From SMEClabs 2023

Google Cybersecurity Specialization

From Google 2024

Data Analysis with Python

From freeCodeCamp 2023

Intermediate Machine Learning

From Kaggle 2023

Advanced Google Analytics

From Google 2023

Projects

LiSQL

An Open Source Python package that simplifies data extraction and merging from multiple MySQL servers and databases, ideal for data science projects. Available in PyPI with over 100+ downloads.

Pandemic Controlling System- PCS

The PCS platform, built with Django, MySQL, and a Java-based Android app, connects admins, super admins, doctors, medical stores, ASHA workers, and police stations for pandemic management and uses a PyTorch CNN model for test kit result classification.

SafeLink Vision

SafeLink Vision is a Django-based chat system with MySQL, featuring a Meso4 DL model for deepfake detection and a hybrid LSTM-RNN model for URL classification. It is built with TensorFlow, Keras, and Scikit-learn and is Dockerized for seamless deployment and sharing.

Emotion Detection Using NLP

Built a system to detect emotions from audio using speech_recognition, NLTK, VADER, and a PyQt5 interface.

3D Face Reconstructor

Generate a 3D model of a human face from a 2D image using advanced tools like MTCNN for facial detection, DPT for depth estimation, and Open3D for 3D mesh generation.

Technical Skills

- Programming(C, C++, Python, Java, JS)
- Machine Learning(Scikit-Learn)
- Deep Learning(TensorFlow, Pytorch)
- Computer Vision(OpenCV, scikit-image)
- Data Visualization(Matplotlib, Seaborn)
- Data Analytics(Pandas, Power BI, Excel)
- Web Framework(Django)
- Big Data(Apache Hadoop and Spark)
- Statistics and Mathematics
- Docker

Soft Skills

- Problem-Solving Skill
- Communication Skill
- Continuous Learning
- Teaching Skills

Education

- BSc Computer Science
University of Kerala
2019 – 2022
- Master of Computer Application
University of Kerala
2023 – 2025

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