



# 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

## Contact

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