# Malik Moaz

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## Objective

To leverage expertise in Machine Learning and Web Development to create innovative, data-driven web applications. Focus on utilizing advanced ML algorithms and modern web technologies to enhance user experiences, streamline operations, and solve complex problems, aiming for robust, scalable, and efficient solutions that drive business growth and user engagement.

## Education

**Punjab University College of Information Technology**  November, 2021 – Present

Bachelor of Science – Software Engineering  Lahore, Punjab, Pakistan
- Expected graduation: June 2025
- CGPA: 3.25

**PGC Main Campus Lahore**  January, 2019 – August, 2021

FSC - Pre Engineering  Lahore, Punjab, Pakistan
- Percentage : 99.82%

## Professional Experience

**FreeLancer**  August,2022 – August,2023

UvoCorp , Berlin , Germany

- Solution of Assignments Writing
- Problem Solving in Front End Development

**MERN ASE**

Vast  , Lahore , Pakistan

- Solution of Front End Development using Reactjs
- Solution of Backend Problems using express

## Skills

**Programming Languages**: C/C++, Java, Javascript, Python
**Machine Learning**: Convolutional Neural Network , Natural Language Processing
**Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js) , Flask , Django
**Libraries** : TensorFlow, scikit-learn, NumPy, Pandas, Matplotlib , NLTK, OpenCV
**OS**: Linux, Windows

## Projects

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**Face Insight App**   Python   https://github.com/malikmoaz01/FaceInsight-Deep-Learning
- Face Insight uses deep learning to Predict Gender & Age , Predict Skin Diseases (Acne , Pigmentation , Redness , Pimples , Dark Circles , Spots , Wrinkles) , after disease it will give the Suggestion using NLP . Now if a person doesn't satisfy by our suggestions & results then by using Transformers Accessing GPT2.

**E-Pharmacy**   Java   https://github.com/malikmoaz01/Pharmacy-Management-System
- This Term projects have the following functionalities :: Login , Signup & Logout , Add , Update , Search & Delete Medicines , Add to Cart , Payment , Categorical View , Track Medicine Order .

**Insta Backend**   MERN   https://github.com/malikmoaz01/Insta-Backend-MERN
- This Instagram projects includes User & Post Management, Like, Dislike, Comment & Uncomment, Follow & Unfollow, Feed & Search.

**E-Restaurant**   MERN   https://github.com/malikmoaz01/Restuarant-Reactjs
- Its include customer service, staff management , financial management, inventory control, marketing.

**Recipe Generator**   Python   https://github.com/malikmoaz01/Recipe-Generator
- Recipe Generator uses machine learning to analyze dish images with CNNs, identifying the dish and providing recipe suggestions through NLP. Simply upload an image, and the system detects the dish type and offers tailored recipe recommendations, ensuring an innovative and personalized cooking experience.

**Mini Projects**   Python , Java , C++ ,MERN   https://github.com/malikmoaz01/Mini-Projects
- **Using Python**   IRS , Video Search Engine , OCR , Translation Agent , Recommendation System , object detection , spam detection , Chatbot , Fake News Detection , Emotion Detection
- **Using Java**   Love Letter Game , Solar Planet , GUI Chat Application , Socket Programming
- **Using C++**   Blood Donor System , Hospital Management System
- **Using Javascript**   EMS / LMS , Google Docs etc

## Extracurriculars & Volunteering

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**Problem Solving**
LeetCode & CodeChef & GeeksforGeek & HackerRank                    December, 2022 – Present
- Attend Competitions , do problem solving according to my knowledge .

**PUCON Website Management**                    PUCIT - University of the Punjab
- I made some of features of PUCON (official PUCIT Competition Website) for example coupon codes , payment etc .