

# Saleem Malik

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## Professional Summary

I am a passionate, dedicated, committed, and disciplined professional working in the field of computer science. With a strong foundation in problem-solving, teamwork, and decision-making, I approach every task with a professional mindset. Currently specializing in MERN Stack development, I am adept at navigating challenges and thrive under pressure, viewing each obstacle as an opportunity for growth. My dedication to excellence drives me to deliver results effectively and passionately, ensuring success in every endeavor I undertake.

## Work Experience

### E-Store Application Development

May 2023 - August 2023

- Developed a cutting-edge E-Commerce application utilizing **Flutter technology**, mirroring the functionality of leading platform Daraz
- Integrated **Firebase** for backend functionalities, ensuring seamless data management and user authentication.
- Showcased proficiency in **mobile app development**, delivering a robust and scalable solution meeting client requirements.

### Task Management Application Development

September 2023 - December 2023

- Created a Task Management application in **Flutter**, streamlining task allocation and progress tracking for teams.
- Implemented real-time collaboration features, enabling team members to communicate and coordinate tasks effectively.
- Demonstrated expertise in **mobile app development**, delivering an intuitive and efficient solution for task management.

### Fiverr Clone Development

November 2023 - January 2024

- Built a Fiverr clone during SE Lab project, showcasing proficiency in the **MERN** stack.
- Utilized **MongoDB Atlas** for the backend database, ensuring scalability and reliability for handling large datasets.
- Showcased proficiency in **full-stack development**, delivering a high-quality platform for freelancers and clients.

### Spotify Clone Development

March 2024 - Present

- Integrated Spotify APIs** for music streaming and user authentication, providing a seamless user experience.
- Highlighted dedication to innovation and creativity in **software development**, delivering a feature-rich music platform.

### Text Extractor and Image Resizer

June 2023 - September 2023

- Built a Text Extractor from images and an image resizer, demonstrating practical skills in application development.
- Utilized **OCR(Optical Character Recognition)** technology to extract text from images, enabling users to digitize printed documents effortlessly.
- Implemented **image processing algorithms** for resizing images while preserving aspect ratio and image quality.

### Intelligent Player for Tic Tac Toe

April 2023 - June 2023

- Implemented an Intelligent Player for Tic Tac Toe, showcasing expertise in **AI-based decision-making algorithms**.
- Utilized **minimax algorithm** with **alpha-beta pruning** for optimal decision-making in game scenarios.
- Demonstrated analytical thinking and problem-solving skills in developing intelligent gaming solutions.

## Education

3.2/4.0 **BS Computer Science**, UET Lahore | Pakistan

2021-25

1073/1100 **FSC**, Degree College Kahrar Pacca. | Pakistan

2019-21

**Courses:** Computer Vision and Images processing | AI | ML | DL | OOP | DSA

## Skills

**Programming** Python, C/C++, C#, JavaScript, Git Scripting (Bash), LaTeX, HTML  
**Databases** MongoDB, MySQL, Firebase  
**Libraries** TensorFlow, OpenCV, PyCharm, Tkinter, Matplotlib, React, jQuery  
**Frameworks** flutter | Node | Express | React Native

## Certification

**Certification:** SQL (HackerRank) | Python Basic (HackerRank) | React Basic (Great Learning)

## Currently working Deep Fake Detection System

Description:

This project explores using convolutional neural networks (CNNs) to detect deepfakes in images, addressing the challenge posed by synthetic images manipulating individuals. By leveraging CNNs to analyze image features and identify manipulation indicators, the method aims to distinguish between authentic and manipulated images, enabling effective deepfake detection.

## Languages

**English** Professional proficiency  
**saraiki** Native proficiency  
**Urdu** Basic proficiency