

# MUHAMMAD ANAS MANSHA

✉ usamak657@gmail.com  
📍 Lahore, Pakistan

🌐 AnasMansha

🌐 muhammad-anas-mansha-113726201

☎ +92 3070148118

## WORK EXPERIENCE

### Software Engineer

#### Magnetar Solutions

📅 Mar 2024 – Dec 2024

- Gained hands-on experience with multiple projects, refining code structuring skills to enhance manageability and scalability.
- Leveraged frontend design tools such as Formik and Material-UI, focusing on responsive design, animations, and 3D rendering to improve web user experience.
- Developed various Python scripts for pipeline automation, data fetching, and processing, streamlining workflows and increasing efficiency.

### Associate Software Engineer

#### Educative, Inc.

📅 July 2023 – Feb 2024

📍 Lahore, Pakistan

- Collaborated on React.js and JavaScript to enhance website functionality and user experience.
- Utilized technologies such as GitHub, Tailwind CSS, and Redis to contribute to efficient development workflows.
- Gained experience in working collaboratively within a complex and dynamic codebase.
- Developed and adhered to neat coding standards, ensuring maintainable and scalable code.
- Embraced professional practices and work ethics to deliver high-quality results within project timelines.

### Teaching Assistant

#### Information Technology University

📅 Mar 2022 – Jan 2023

- Guided students in understanding complex concepts and problem-solving techniques during tutorial sessions.
- Assisted faculty in managing coursework, grading, and providing feedback to enhance student performance.

## PROJECTS

### Crop Identification Using Satellite Imagery

- Developed a system to estimate crop yields in Pakistan using satellite imagery as part of a Final Year Project (2022-2023).
- Gained expertise in big data collection, analysis, and processing techniques.

### C++ Interface Library

- Designed a library to enhance C++ projects by providing a user-friendly interface with default terminal tools.
- Utilized the library in semester projects like HCI and Parallel Distributed Computing.
- **GitHub:** <https://github.com/AnasMansha/Interface-Library>

### Space Shooter (VR)

- Developed a space shooter game for VR headsets in Unity, featuring multiple difficulties, boosters, and scoring systems (2023).
- **GitHub:** <https://github.com/AnasMansha/SpaceShooterVR>

## EDUCATION

### BS in Computer Science

#### Information Technology University

📅 2019-2023

📍 Lahore, Pakistan

### FSc Pre-Engineering

#### Punjab College

📅 Aug 2017-Nov 2019

📍 Lahore, Pakistan

### Matriculation

#### Garrison Academy

📅 Jun 2015-Aug 2017

📍 Lahore, Pakistan

## TECHNICAL SKILLS

NodeJS

ReactJS

JavaScript

Python

Tailwind CSS

Flask

Typescript

C++

Github

Algorithms

Data Processing

## ACHIEVEMENTS

### 1st position

- Programming Competition at Superior Technical Symposium 2021.

### 1st position

- Taakra Speed Coding, PUCIT

### 1st position

- Speed programming, University of Lahore (2 times) 2021.

### 2nd position

- Code Rush, ITU

Got selected and attended Stem NPTC-18 training at PIEAS

## OTHER ACTIVITIES

### Kar-e-Kamal

- Member of the Kar-e-Kamal Society, actively involved in fundraising and ration distribution initiatives.

### Volunteer Teaching Assistant

- Volunteered in teaching assistance of a programming course. Assisted in lab sessions and grading.

## HOBBIES

Gaming, cooking, exploring nature