

# Mutaiba Mohsin

[LinkedIn](#)

[mutaibamohsin845@gmail.com](mailto:mutaibamohsin845@gmail.com)

[GitHub](#)

+923218890166

## Education

|      |                     |  |            |
|------|---------------------|--|------------|
| 2025 | BS Computer Science | University of Engineering and Technology, Lahore | 3.240 CGPA |
| 2021 | ICS Physics         | Kinnaird College, Lahore                         | 1092       |
| 2019 | Matriculation       | Army Public School, Lahore                       | 1036       |

## Projects

### Ecommerce Management System

- Developed an Ecommerce Management System with C# Windows Forms for the desktop front-end, highlighting proficiency in user interface design and backend development.
- Implemented Object-Oriented Programming (OOP) principles throughout the system to ensure modularity and scalability along comprehensive data validation techniques to ensure data integrity and enhance system reliability..

### Game Development

- Developed the "Key Chaser" game using C#, .NET Core, and Windows Forms, highlighting expertise in object-oriented programming concepts for game development.
- Designed the game with two levels where Initial level focused on the player chasing and collecting the key while avoiding obstacles, demonstrating basic gameplay mechanics and player engagement then the advanced level unlocked upon key collection, featuring a computerized chaser enemy that adds complexity and challenge to the game, showcasing progression and advanced gameplay mechanics.
- Implemented game mechanics initially using fundamental programming techniques and gradually transitioned to advanced, self-made object-oriented frameworks, demonstrating a deep understanding of OOP principles and optimizing game development processes.

### Scrapping Project – YouTube Scrapping

- Conducted a collaborative web scraping project with a team of two members, utilizing Selenium to extract approximately 100,000 data points from YouTube, showcasing teamwork and project management skills.
- Implemented data storage and management using Excel CSV format, ensuring efficient handling of large datasets and easy accessibility for analysis.
- Developed the front-end interface using PyQt5, integrating data structures and algorithms concepts to optimize data processing and enhance user experience.

### CRM – Estate Management System

- Led a team of four members in developing a comprehensive Customer Relationship Management (CRM) system tailored for estate management.
- Utilized MySQL as the backend database, implementing advanced features such as triggers for real-time notifications and warning messages, ensuring timely updates and alerts for system users.
- Developed the front-end interface using C# Windows Forms, providing intuitive and efficient functionalities for tasks such as selling houses, buying properties, and managing client interactions.

### Mobile App – Mangtum

- Developed a mobile ecommerce app using Flutter and Firebase backend for real-time data handling and seamless user experience.
- Designed for buying and selling clothes and jewelry, featuring intuitive browsing, purchasing, and order management functionalities.
- Integrated Sentry for error tracking and utilized Slack/ClickUp for efficient team communication and project management.

## Skills/Certifications

- Knowledge in:** Dart, JavaScript, React
- Work Environments:** Agile Scrum, Scrum master
- Version Controlling:** GitBash, GitHub, GitHub Desktop
- Database:** MySQL, MongoDB
- Web Development:** HTML, CSS, NodeJS , WordPress
- Desktop Development:** WinForms, .netcore, C#, PyQt5
- Mobile Development:** Flutter, Firebase

## Achievements

### Quaid-e-Azam Scholarship, BISE Lahore

- Securing 8<sup>th</sup> position in Lahore Board 2021

July 2022-Present

### Certificate of Star Performer– UET Lahore

- One of the best performer in the programming courses PF and OOP

Dec 2022

### Teaching Assistant – UET Lahore

- Teaching Junior the programming courses

July 2023