

# Muhammad Jamal Mustafa

Lahore, Pakistan

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## **SUMMARY**

Dedicated Computer Science student with a solid foundation in core subjects, seeking to leverage technical skills and knowledge in a professional internship.

## **EDUCATION**

### **University of Engineering and Technology Lahore**

*Bachelor of Computer Science*

- **CGPA:** 3.2
- **ECAs:** Teacher's Assistant

**Lahore, Pakistan**

*2021-Present*

### **Sharif Education Complex**

*Intermediate in Science*

- **Grade:** A+

**Lahore, Pakistan**

*2019-2021*

## **PROJECTS**

### **Transport Management System**

- **Technology:** C# | .NET Core | Entity Framework | SQL
- Developed a desktop application for comprehensive transport management, featuring a user-friendly interface and essential tools.
- Utilized .NET Core and Entity Framework to enable seamless CRUD (Create, Read, Update, Delete) operations, boosting efficiency and productivity.
- Distributed client and server on separate machines and enabled communication between them using TCP/IP Protocol.
- Developed a web application version using ASP.NET for broader accessibility.

### **Chess**

- **Technology:** Python
- Developed a fully functional Chess game supporting both two-player and single-player modes with AI as the opponent.
- Created from scratch, this project enhanced my understanding of AI concepts.

### **Book Management System**

- **Technology:** MERN (MongoDB, Express.js, React, Node.js)
- Designed and implemented a website to perform CRUD operations with books.
- Gained hands-on experience in creating APIs and integrating them with the frontend.

### **Anime Website**

- **Technology:** React
- Built a website to display detailed information about anime, including ratings and characters.
- Acquired practical experience with advanced React concepts like custom hooks and state management.

## **WORK AND EXPERIENCE**

### **University of Engineering and Technology**

*Teacher's Assistant*

- Directed and guided a class of 50 students.
- Taught complex programming fundamentals, enhancing students' foundational knowledge.
- Organized and administered examinations and quizzes effectively.

**Lahore, Pakistan**

*Sept. 2023 – January 2024*

### **Hazen Technologies Inc**

*Web Development Internee*

- Completed a course of web development fundamentals (Html, CSS, Js)
- Made a complex website clone from scratch, deployed it on Netlify and Github and presented it.
- Also made a form generator project in MERN and deployed it.

**Lahore, Pakistan**

*July. 2024 – Aug 2024(6 weeks)*

### **Netsol Technologies Inc**

*Web Development Internee*

- Attended ICAN training session and got to know about softskills, financing and Netsol finance related applications.

**Lahore, Pakistan**

*Aug 2024 - Present (6 weeks)*

## **ADDITIONAL SKILLS & INTERESTS**

### **Technical**

1. **Programming**
  - C | C++ | Python | JavaScript | C# | .NET Core | Entity Framework
  - MERN (MongoDB, Express.js, React, Node.js)
2. **Others**
  - Ms. Office

### **Non-Technical**

- Communication
- Problem Solving
- Leadership