

# Muhammad Zeeshan

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## Work Experience



### Development Intern | Skills Up

- Wrote, tested, and debugged Python and C++ code.
- Developed front-end and back-end components for web applications.
- Collaborated with team members to improve code quality and functionality.
- Contributed to innovative solutions using various technologies and programming languages.



### Cyber Security Intern | Prodigy InfoTech

- Gained hands-on experience with cybersecurity tools and techniques.
- Assisted in information security analysis and network security monitoring.
- Contributed to cybersecurity risk assessment and mitigation strategies.



### Cyber Security & Ethical Hacking Intern | TechnoHacks EduTech Official

- Worked on ethical hacking fundamentals and practical security testing (Apr 2024).
- Learned techniques to identify and mitigate security vulnerabilities.



### Python Programming Intern | CipherByte Technologies

- Developed programming expertise through Python-based tasks.
- Enhanced problem-solving and coding efficiency in real-world applications.



### FiveM Developer | Discord (Freelance/Part-time)

- Developing and customizing FiveM servers using C#, C++, and Lua.
- Designed interactive scripts, optimized server performance, and improved user experience.
- Applied project management and troubleshooting skills in remote freelance work.

## Skills

- Python
- C++
- HTML | CSS
- Microsoft Office (Word, PowerPoint, Excel)
- FiveM Development
- Computer Programming
- Security Analysis
- Data Processing
- Data Analysis
- Forensic Investigation Tool
- Problem-Solving & Troubleshooting
- Ethical Hacking | Assume Responsibility
- Teamwork & Collaboration
- Critical Thinking
- Full Stack Development
- Video Editing
- Graphic Designing

## Volunteer Work and Affiliations

### Stanford University – Section Leader (Code in Place)

Apr 2025 to Jul 2025



### Freelance | Fiverr & Upwork (/Part-time)

- Provided services in graphic design, web design, content writing, and project management.
- Worked with clients worldwide, delivering customized solutions in Adobe Photoshop, Illustrator, WordPress, and video editing.

## Education History



### Bachelor of Science in Cyber Security and Digital Forensics | Islamia University Bahawalpur

Fall 2021-2025

- CGPA Obtained : 3.68/4.00



### F.Sc Pre- Engineering (Higher Secondary School) | BISE Multan Board

2018-2020

- Grades Obtained : A



### Matric (Secondary School) | BISE Multan Board

2016-2018

- Grades Obtained : A

## PROJECTS



### Encryptify – Secure End-to-End Encrypted Email Platform

- Developed a secure web-based platform enabling end-to-end encrypted communication via Gmail API.
- Implemented encryption for email subject, body, and attachments, ensuring robust data privacy.
- Focused on usability, allowing individuals and organizations to exchange encrypted emails without creating new accounts.



### Web Guardian – Automated Vulnerability Scanner with OWASP ZAP

- Built an automated web application vulnerability scanner using the OWASP ZAP API.
- Implemented website crawling, active scanning, and vulnerability reporting.
- Generated automated reports with detailed security insights for further analysis.



### EduSync – Student Record & Management System

- Designed a comprehensive student record and result management system.
- Built modules for academic records, result tracking, sports management, and complaints handling.
- Integrated Excel export features for data backup and analysis.

## Certifications

- 2025 Aspire Leaders Program – Aspire Institute (Oct 2025)
- Generative AI Application Developer Certificate – Pak Angels (Aug 2025)
- Python – Stanford Online (Jun 2025)
- Google Cybersecurity Specialization – Google (May 2025)
- IT Security: Defense Against the Digital Dark Arts – Google (May 2025)
- System Administration and IT Infrastructure Services – Google (May 2025)
- Assets, Threats, and Vulnerabilities – Google (May 2025)
- Automate Cybersecurity Tasks with Python – Google (May 2025)
- Connect and Protect: Networks and Network Security – Google (May 2025)
- Office of the CISO Institute: Cybersecurity Essentials – Google (May 2025)
- Play It Safe: Manage Security Risks – Google (May 2025)
- Sound the Alarm: Detection and Response – Google (May 2025)
- The Bits and Bytes of Computer Networking – Google (May 2025)
- Tools of the Trade: Linux and SQL – Google (May 2025)
- Google IT Support – Google (May 2025)
- CS50x Puzzle Day – Harvard University (Apr 2025)
- Windows Forensics with Belkasoft – Belkasoft (Jan 2025)
- Android Forensics with Belkasoft – Belkasoft (Mar 2024)
- Ethical Hacker – Cisco (Mar 2024)



### Encryptit – File Encryption Application

- Developed a desktop tool for file encryption using the Fernet symmetric encryption algorithm.
- Focused on strong cryptography with a simple user friendly interface.



### GestureQuest – Gesture-Controlled Game Launcher

- Created a Python & OpenCV-based desktop app enabling real-time gesture-based game controls.
- Designed customizable gesture recognition for different games.



### MediEnhance – Medical Image Enhancement Tool

- Developed a Python-based tool to enhance endoscopy images using OpenCV.
- Applied contrast enhancement and histogram equalization for medical image clarity.



### PyroSentry – Fire Detection & Alert System

- Built a real-time fire detection system using computer vision and Python.
- Automated alerts with alarms and email notifications upon detecting fire outbreaks.



### RoboPilotX – Raspberry Pi Robot Controller

- Designed an interactive GUI-based robot controller using Raspberry Pi (RPi.GPIO + Tkinter).
- Enabled precise real-time motor control and customizable movement commands.

## CONFERENCE PUBLICATIONS and PRESENTATIONS

“Encryptify: A Secure and Confidential End-to-End Encrypted Email Platform” at International Conference on AI, Cybersecurity, and Next-Gen Computing (ICACNC 2025).

- Pakistan Cryptography Challenge – National Center for Cyber Security, Pakistan (Finalist, Nov 2024)
- Introduction to Cybersecurity – Cisco (Oct 2024)
- Cyber Threat Management – Cisco (Aug 2024)
- Git for Beginners – Udemy (Apr 2024)
- Master Course in Artificial Intelligence & Deep Learning 3.0 – Udemy (Sep 2023)
- Master Course in Chatbot Technology & Google Bard AI – Udemy (Sep 2023)
- Master Course in Zero Trust Architecture 2.0 – Udemy (Sep 2023)
- Amazon S3 Simple Storage Service (Deep Dive) – Udemy (Sep 2023)
- Foundations of Cybersecurity – Google/Coursera (Aug 2023)
- Technical Support Fundamentals – Google/Coursera (Aug 2023)
- Introduction to Generative AI – Google Cloud Skills Boost (Jun 2023)
- Problem Solving (Certificate) – HackerRank (Jul 2023)
- C# Certification – HackerRank (Jun 2023)
- Python Certification – HackerRank (Jun 2023)
- Java Certification – HackerRank (Jun 2023)
- ICIP Certification – OPSWAT Academy (Jun 2023, Expired May 2024)
- Introduction to Dark Web, Anonymity, and Cryptocurrency – EC-Council (Mar 2024)

## RECOMMENDATIONS

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(Chairman/Professor)

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