

# Muhammad Bilal

Passionate IT Enthusiast with love for Cyber Security & Automation. IT professional with 2+ years of progressive experience as System Administrator, Cyber Security Professional, Red Teamer, National CTF Player. Committed to staying current innovation in technology and computer science.

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## EXPERIENCE

### PNY Institute, Pakistan — *Cyber Security Instructor*

October 2023 – Present

Delivered comprehensive cybersecurity training programs at PNY Institute Multan. Managing Cyber security Risks and incident response, creating ACL for windows & Linux systems.

#### *Lab Working:*

- Applied Network and web application security
- Buildings Defend and Attack Labs.
- Deploying Pfsense firewall & Wazuh SIEM Solution.
- Manage cybersecurity risks & incidence responses.
- Oversee access control and security measures.
- AD Domain Controller

### Eastern Housing, Pakistan — *Network & IT Support Executive*

October 2023 – April 2024

Working with the UNCW Security Team to enhance the security of Redhat Linux Servers, overseeing service management, user administration, and active directory management with LDAP.

- Proficient in process, package, and service management on Redhat Linux Servers.
- Implement iptables & firewall for enhanced server security.
- Conduct regular server patching to ensure up-to-date system integrity.
- Utilizing Nagios System for proactive monitoring of servers, ensuring optimal performance.
- Managing logs effectively to track system activities and troubleshoot issues promptly.
- Storage solutions such as Samba and NFS for efficient file sharing.
- Working with SIEM Solutions.

### Omni Academy, Pakistan — *Cyber Security Instructor*

October 2023 - Present

Delivered comprehensive cybersecurity training programs at Omni Academy Karachi. Managing Cyber security Risks and incident response, creating ACL for windows & Linux systems. Working as Ethical Hacking Instructor, taught courses on cryptography, and IT Fundamentals.

## SKILLS

SIEM, Cloud Computing, Pfsense firewall, Thread Hunting, Incident Response, Mikrotik, IT Security Project Management, Pentesting, Cyber Awareness & Teaching, Malware Analysis, Server Management, Networks & Web Pentesting, Cyber Threat Intelligence

## GRC

ISO27001 | NIST | PCI DSS | GDPR

## Certifications

### *Jr. Penetration Tester*

By: TryHackMe

Certificate ID: THM-  
UET3X7ERCF

### *Red Teamer, Security Engineer*

By: TryHackMe

Certificate ID: THM-  
BSJTJXHDXL

### *Practical Ethical Hacking*

By: TCM Security

Certificate ID: cert\_4wmshrm1

### *Linux Privilege Escalation*

By: TCM Security

Certificate ID: cert\_41fgnkjs

### *Windows Privilege Escalation*

By: TCM Security

Certificate ID: cert\_4u2jmmn1

## EXPERIENCE

### NHIT, Pakistan — *Cyber Security Instructor*

January 2024 - Present

Providing Cyber Security Trainings on private courses, and organized Cyber Security Hackathons Workshops.

### Freelancing — *Cyber Security & System Administration*

2022 - Present

Providing freelance services on Linux Server's Services Maintenance, IT Support, and Windows Support. Providing Cyber Security Consultancy.

### Digital Pakistan Cyber Security Hackathon 2023

Secured 2nd runner-up position in Digital Pakistan Cyber Security Hackathon 2023 that was organized by Ministry of Information Technology and Telecom & Ignite.

## PROJECTS

### Website Penetration Testing 2023 — Fiverr

Did Web application penetration testing and found vulnerabilities including SQL injection, XXS, and many more. Did access control bypassing and from the website got the shell, did privilege escalation, and gained root access.

### Freelancing Projects — Fiverr, Upwork

Did almost 60+ projects related to cybersecurity and networking. Worked on Packet Tracer, GNS3, Kali Linux, Metasploitable, Ubuntu, AWS S3, Python automation, and much more relevant to cybersecurity and network security.

## EDUCATION

### BZU Multan, Pakistan — *Bachelors*

Degree: BSc (Hons) in Computer Engineering

Status: Graduated with 3.43 CGPA

### Rise College, Pakistan — *Intermediate*

2017 - 2019

I achieved (A) Grade in my College life.

### Govt. Muslim Boys High School, Pakistan — *Matriculation*

2015 - 2017

I achieved (A+) Grades in my College life..

### *OSINT Fundamentals*

By: TCM Security

Certificate ID: cert\_z1bs44lr

### *Advent of Cyber 2023*

By: TryHackMe

Certificate ID: THM-

TYVPUBVZWT

### *IBM CyberSecurity Analyst Professional*

By: IBM

Certificate ID: 5PF2W4DJ2EXW

### *HCIA-Cloud Computing*

By: Huawei

Certificate ID:

010100802623808854571949203

### *Programming with AI*

By: TCM Security

Certificate ID: cert\_kqd6t5xb

## AWARDS

Top 10th Rank in National Level

CTF: Organized by MOITT Pakistan & Ignite

## Programing LANGUAGES

Python, Bash, SQL

## Soft SKILLS

Technical Problem Solver Team Leader, Working Collaboration.

## LANGUAGES

English, Urdu, Punjabi.