

# Fizan Ali

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## SUMMARY

Cyber security early-career professional having extensive experience in security engineering, Proven ability to manage projects and workload with minimal oversight. Looking forward to work and grow in global and real world environment.

## EXPERIENCE

### Software Security Intern

ValyrianSys

November 2022 – Present, California

- Developed and enforced 20+ network policies for inline extreme packet processing in Networking Domain.
- Assisted team in developing Linux OS from LFS with network stack through secure application and system development practices.
- Developed 5+ fully functional XDP applications in C for kernel and user enforcing 15+ eBPF solutions.
- Applied information security skills to secure development operations during entire timeline.

### Red Teamer

Hack The Box | Platform

February 2022 – Present, Lahore, Pakistan

- Tested 20+ system applications and networks offensively with security tools including Nmap, Wireshark, Metasploit, Burp, Nikto, Nessus.
- Played 50+ CTF including web, forensics, reversing and Cryptography challenges to scan and exploit various security flaws.
- Developed scripts, payloads and other automation tools in python, bash and PowerShell to automate tedious and repetitive tasks.

## EDUCATION

### Bachelor of Computer Science

University of Engineering and Technology • Lahore • 2023

## PROJECTS

### Information Security

CS Dpt, UET Lahore • August 2022 – December 2023

- Identified, analyzed and evaluate risks of CS department's systems, devices, and data and prioritized the potential threats with report.
- Managed access control system enforcing 20+ policies implementing active directory and other solutions.
- Implemented cryptographic algorithms including DES and RSA to ensure the integrity of confidential data.

### Secure Networking

CS Dpt, UET Lahore • January 2022 – May 2022

- Designed and implemented a secure and scalable network infrastructure for Computer Science Department at UET Lahore.
- Monitored network against attacks including tools such as Wireshark, Snort, Firewalls, IDS and IPS to enforce custom policies further.
- Managed a team to provide network services including FTP, DHCP, SMB and gained experience in team coordination and management.

## COURSEWORK

### Cloud Computing

University of Engineering and Technology, Lahore • 2022 • Fundamentals of Cloud Computing

Gained experience with AWS cloud Services including EC2, Lambda, S3, DynamoDB and other for secure computing.

## CERTIFICATIONS

### IBM Cybersecurity Analyst Professional

Coursera • 2022

Certified in standardized and evolving set of security concepts, principles and practices for making systems and network hardened to protect highly sensitive information of an organization.

## SKILLS

Tools: Metasploit, Burp Suite, Nikto, Wireshark, Nmap, Nessus, IBM QRadar, Snort

Technical Skills: Programming, Scripting, Penetration Testing, MITRE ATT&K, Reporting, Logging, Risk Assessment, SIEM, Audit and Compliances (PCI DSS, ISO, HIPAA)

Industrial Skills: Problem Solving, Innovating, Excellent Communication

Fields of Interest: Application and Network Security