

Zoha Saif

Penetration Tester & Server Administrator

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Professional Summary

I am a passionate and self-motivated Penetration Tester and Server Administrator with strong foundations in cybersecurity, system administration, and secure coding. Skilled in managing Linux servers, deploying DNS, FTP, Web, and Samba servers (with AD integration), and handling advanced security practices. Experienced in using Kali Linux, CentOS, and EVE-NG for lab environments, and proficient in virtualization with VMware. My areas of focus include penetration testing, digital forensics, server hardening, DoS/DDoS attack simulations, partition and LVM management, and access/permission control. Currently final-year Computer Science student with multiple professional certifications and a keen interest in offensive security.

Education

2022– **Superior University**, *Bachelors in Computer Science*
Present CGPA: 3.4.

2020–2022 **Unique Group of Institution**, *ICS in Computer Sciences*
Grade: A.

Experience

No Professional Experience Yet.

Projects

2026 **Artist Portfolio & E-Commerce Website (Live)**.

Client Project | Full-Stack Web Application

- Developed a live portfolio and e-commerce website for a professional artist using **React, Next.js, and Firebase**.
- Implemented a custom **CMS dashboard** allowing the artist to:
 - Create and manage **art collections** and add products under each collection.
 - Update homepage **carousel content** dynamically.
 - View and manage **read/unread customer messages** submitted via contact forms.
- Integrated **Cloudinary** for optimized image storage and delivery.
- Developed **collaboration and inquiry forms** enabling customers to contact the artist directly.
- Built fully **dynamic pages** with smooth animations and transitions.
- Implemented a **responsive design** with separate layouts optimized for mobile and desktop screens.
- Deployed the application to production; website is live at: alishbakhana.com

2025 **Server Administration & Cybersecurity Labs**.

Practical Lab Projects | System Administration & Security

- Configured and managed **DNS, FTP, Web Servers** on Linux (CentOS, Ubuntu).
- Integrated **Samba Server with Active Directory (AD)** for centralized authentication.
- Simulated and analyzed **DoS/DDoS attacks** such as Smurf Attack in a controlled lab.
- Performed **partition management, LVM setup**, and file system administration.
- Configured advanced **Linux permission management** and user/group policies.

2025 **The Sole Loft – E-commerce Shoe Store**.

Solo Project | Full-Stack Development

- Developed a fully functional e-commerce shoe store with PHP, MySQL, HTML, CSS, and JavaScript.
- Implemented stock management, secure login/signup, and admin dashboard.

Skills

Server Admin	Linux Server Management, Samba with AD, DNS, FTP, Web, Permission Control
Security	Penetration Testing, DoS/DDoS Attack Simulation, Vulnerability Scanning
System Admin	Partition Management, LVMS, User/Group Management
Networking	EVE-NG Labs, Network Configuration, Virtualization with VMware
OS	CentOS, Kali Linux, Ubuntu

Tools

- **EVE-NG:** Network emulation and penetration testing labs
- **VMware Workstation:** Virtualization platform
- **CentOS / Ubuntu:** Server administration
- **Kali Linux:** Security testing and penetration testing

Certifications

2025	Digital Forensics & Cybersecurity , NAVTACC.
2025	Red Hat Certified System Administrator (RHCSA) , Corvit.
2025	Certified Ethical Hacker (CEH) , Corvit.
2024	Google IT Support Professional Certificate , Coursera (by Google). Certificate: View Certificate

Languages

- **English:** Fluent
- **Urdu:** Native