






Rooshan Riaz

 Portfolio  riazrooshan@google.com  3367095138  in rooshanriaz  rooshanriaz

Education

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology
BS in Cyber Security

Sept 2022 – May 2026

- GPA: 3.41/4.0

Experience

DevOps Intern
ALNAFI

Remote
Nov 2024 – Mar 2025

- Managed and optimized AWS cloud infrastructure, including EC2, VPC, AMI, IAM, S3, RDS, Route53, ELB, and CloudWatch to ensure performance, scalability, and cost-effectiveness.
- Administered Linux servers, including user management, firewall setup, and configuration of FTP, SAMBA, Apache, DNS, and POSTFIX services.
- Worked with CodeQL for static code analysis and vulnerability detection in CI pipelines.
- Automated infrastructure provisioning and configuration management using Ansible.

Security Intern
Bytewise Limited

Islamabad, Pakistan
June 2024 – Aug 2024

- Gained hands-on experience in setting up and hardening Ubuntu Server, implementing OWASP TOP 10 security practices, and configuring Active Directory in Windows Server 2022.
- Implemented centralized identity and access management using Active Directory on Windows Server.
- Utilized CodeQL and Wireshark to analyze application-level and network-level threats.
- Conducted risk assessment and threat modeling to help prioritize remediation efforts.

Projects

Security Audit

[Github Link](#) 

- Conducted a cybersecurity audit by designing a detailed questionnaire distributed to major organizations across Pakistan. Compiled findings into a report outlining security measures, vulnerabilities, and improvement recommendations.

STUDENT MANAGEMENT SYTEM

[Github Link](#) 

- Developed a web system with an HTML/CSS frontend and a Flask-based Python backend. Integrated PostgreSQL and Cloud Firestore for data management.
- **Tools Used:** Python, Flask, Firebase, Postgresql

Azure Chaos Engineering

[Github Link](#) 

- Conducted chaos engineering on Azure to assess infrastructure resiliency and security. Automated fault injection via Azure CLI and PowerShell, analyzed system responses, and identified monitoring gaps.
- **Tools Used:** Azure CLI, Azure Monitor, Log Analytics, Azure Automation, Azure Storage, Network Security Groups (NSG), KQL (Kusto Query Language)

Skills

Cloud & DevOps: AWS, Docker, GitHub Actions, CI/CD, Bash Scripting

Cyber Security: OWASP Top 10, Threat Modeling, CodeQL, Risk Assessment, Security Hardening, Network Analysis

Programming & Automation: Python, SQL, Linux System Administration