NITIN KUMAR

Cybersecurity Analyst | SOC Analyst (Entry-Level)

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PROFESSIONAL SUMMARY

BCA graduate seeking an entry-level Cybersecurity Analyst role. Hands-on experience in Linux security hardening, network security (CCNA-level) and AWS fundamentals through self-built labs. Strong grounding in access control, SSH security, ACLs and network traffic analysis, currently training in cybersecurity and infrastructure to grow into SOC monitoring and incident response.

TECHNICAL SKILLS

Security: Linux Hardening, SSH Hardening, Access Control, Authentication, Firewall Configuration, ACLs, Port Security, Network Security Fundamentals

Networking: OSI & TCP/IP, IPv4/IPv6, Subnetting, DNS, DHCP, TCP/UDP, VLANs, Trunking, Inter-VLAN Routing, Static Routing, RIP

Operating Systems: Red Hat Enterprise Linux (RHEL), Kali Linux, Ubuntu, Windows 11

Linux Administration: Users & Groups, chmod/chown, ACLs, sudo/sudoers, systemctl, process & package management, disk partitioning, NFS

Tools: Wireshark, Cisco Packet Tracer, VMware Workstation, VirtualBox, MobaXterm, Git/GitHub

Cloud: AWS EC2, SSH Key Authentication, Instance Management, Basic Cloud Security

Programming: Python, Java (fundamentals)

PROJECTS & HANDS-ON LABS

Linux Security & Administration Lab *RHEL / Kali Linux / VMware*

- Built an isolated virtual lab to practise Linux administration and security configuration.
- Secured file and directory access using chmod, chown and ACLs; managed users, groups and passwords.
- Enforced least-privilege administrative access through sudo and sudoers configuration.
- Hardened SSH by applying user allow/deny authentication rules and tested the restrictions.
- Deployed an Apache HTTP server and protected it with firewall rules.

CCNA Network Security Lab *Cisco Packet Tracer*

- Designed network topologies with IPv4 addressing, subnetting, VLANs, trunk links and inter-VLAN routing.
- Implemented ACLs and switch port security to restrict traffic and block unauthorised devices.
- Verified connectivity and troubleshot faults using ping and interface diagnostic commands.

AWS Linux Web Server Lab *AWS EC2*

- Launched Linux EC2 instances and connected securely using SSH with RSA key authentication.
- Installed and managed a web server; started, stopped and managed cloud resources.

CERTIFICATIONS & TRAINING

- Cisco Networking Academy: CCNA Networking Fundamentals
- Cisco Networking Academy: Cybersecurity Professional Certificate (In Progress)
- Nexxtechs Institute: Cyber Security & Infrastructure Training (In Progress)

EDUCATION

Bachelor of Computer Applications (BCA) *2023 – 2026*

Maharshi Dayanand University (MDU)