KOSHA RAJESH GOHIL

United States | gohilkosha@gmail.com | +1 551-330-1256 | LinkedIn | Github

EDUCATION

Pace University	New York, NY, US
Master of Science in Cyber Security | GPA: 3.91/4	Sep 2022 – May 2024
University of Pune	Pune, MH, India
Bachelor of Engineering (Computer Engineering) | GPA: 7.59/10	Aug 2018 – Jul 2021

SKILLS

- **Programming Languages:** Python, Bash, JavaScript, PowerShell, Tableau, Power BI
- **Networking Tools:** Wireshark, Nmap, NetFlow, Tcpdump, Cisco Packet Tracer, Traceroute
- **Cybersecurity Tools:** Splunk, Snort, Burp Suite, Metasploit, Nessus, OpenVAS, Kali Linux.
- **Databases:** MySQL, PostgreSQL, Oracle, MongoDB, Redis
- **Tools:** Git, Kubernetes, Docker, Linux, Unix
- **AWS:** EC2, API Gateway, Load Balancer, DynamoDB, Redshift, Aurora
- **Certifications**: AWS Certified Solutions Architect -Associate, AWS Certified Cloud Practitioner, CompTIA Security+ , CCNA

PROFESSIONAL EXPERIENCE

Cloud Support Associate | Filmy AI, NY, US   Oct 2024 – Present

- Provided Tier1 and Tier2 support for cloud-hosted infrastructure, assisting clients with EC2, S3, IAM, RDS, VPC, and basic networking issues.
- Diagnosed and resolved incidents related to access failures, connectivity issues, billing concerns, and resource misconfigurations through the AWS Console and CLI.
- Guided customers through root cause analysis of performance bottlenecks, permissions errors, and misconfigured services, ensuring minimal downtime and improved service reliability.
- Assisted with basic automation using shell scripts and helped clients understand infrastructure-as-code setups using CloudFormation and Terraform templates.
- Helped clients implement basic infrastructure automation using CloudFormation and offered recommendations on cost optimization and high availability.

Cyber Security Analyst | Exchange IT, NY, US   Aug 2024 – Oct 2024

- Assessed and refined IAM policies to enforce least-privilege access across cloud-based infrastructure, supporting the organization's shift toward a zero-trust security model.
- Conducted threat modeling for internal administrative platforms, identifying and documenting privilege escalation risks; partnered with development teams to implement RBAC-based access segmentation.
- Analyzed system logs and authentication activity to detect abnormal login behavior, unauthorized access attempts, and inactive user accounts; coordinated with SOC team to escalate findings for review.
- Contributed to SOC 2 audit readiness efforts by validating access control procedures, confirming system logging configurations, and supporting the creation of documentation for access reviews.
- Assisted in developing standardized access provisioning workflows to improve identity lifecycle management and reduce manual access control errors across the organization

Network Systems Engineer | Skyline Developers Pvt. Ltd., Pune, India   June 2020 – Aug 2022

- Managed day-to-day operations of enterprise network infrastructure, including routers, switches, VLANs, and firewall configurations across office and cloud environments
- Designed and deployed site-to-site and remote VPN solutions using pfSense and Cisco VPN, enforcing access controls and monitoring connection logs for anomalies.
- Performed network diagnostics to resolve routing issues, high-latency links, DNS failures, and packet loss across hybrid on-prem/cloud systems
- Collaborated with cloud engineers to build and maintain secure VPC architecture in AWS and Azure, integrating them with internal networks through custom routing and NAT rules.

PROJECTS

- **ElasticCloud:** Engineered a production-ready serverless backend to support high-traffic events; implemented Cognito for user authentication, IAM for access control, and reduced infrastructure costs by **30%** with **99.99% uptime**
- **CloudFront Access Control with AWS WAF: Configured** IP-based allow/block rules using AWS WAF to secure CloudFront distributions and implement edge-level access control
- **Network Traffic Analysis with VPC Flow Logs and Athena**: Queried VPC Flow Logs using Athena to identify traffic patterns, troubleshoot connectivity issues, and monitor network behavior.
- **Serverless Contact Form Using AWS Lambda and SES**: Built a serverless contact submission pipeline with API Gateway, Lambda, and SES to handle user input without backend servers
- **SecureAccessVPN — Enterprise VPN & Access Control Setup**: Deployed a secure remote access solution using Cisco VPN and pfSense, including IP whitelisting, certificate-based authentication, and 2FA enforcement. Configured firewall policies and VPN tunnels for secure site-to-site communication across regions. Reduced unauthorized access attempts by 50% and improved secure onboarding for distributed teams.