

Sunil Kumar

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EXPERIENCE

ACKO General Insurance, Bengaluru | *Security Engineer*

August, 2021 – Present

- Developed a comprehensive logging and security monitoring system utilizing AWS CloudTrail, Config, Inspector, Detective, Macie, GuardDuty, and Security Hub.
- Analyzing high-severity security events and leading RCAs to identify gaps and prevent future occurrences.
- Developing in-house security tools and automation systems.
- Responsible for designing and implementing policies for Endpoint Detection and Response (EDR), Cloud Access Security Broker (CASB), and Mobile Device Management (MDM) solutions.
- Responsible for handling Cyber Threat Intelligence and Attack Surface Monitoring tool.
- Implemented RBAC, SSO and Conditional Access strategies across diverse platforms including Google Workspace, AWS, and GCP IAM.
- Elevated email security through deployment of DMARC authentication and incorporation of Email Threat Intelligence measures.
- Implemented CIS security best practices in GCP and AWS environments to ensure robust protection and compliance.
- Conducting in-depth infrastructure risk assessments to proactively identify and address potential security gaps

Celebal Technologies, Jaipur | *Associate - Cloud Infra and Security Intern*

February, 2021 – June, 2021

- Developed various proof of concepts (PoCs) focused on M365 Security and related technologies.
- Integrated Okta and Azure AD for streamlined authentication and access management.
- Developed advanced security monitoring dashboards in Azure Monitor and Dynatrace.
- Leveraged Microsoft Defender for Office 365 to enhance email security, delivering real-time protection against malware, viruses, and malicious links.

Netparam Technologies Pvt. Ltd., Remote | *Cyber Security Trainee*

May, 2020 - July, 2020

- Developed strong networking and web application security understanding.
- Worked on different web security tools- Burp Suite, Nmap, Wireshark, Metasploit, Nikto.
- Gained understanding of Linux OS and general security methodologies.

EDUCATION

Government Engineering College, Ajmer

July 2018 - September 2022

Bachelor of Technology - B.Tech (Computer Science & Engineering)

GPA: 7.94/10.0

Aastha Academy Senior Secondary School, Sikar

July 2016 - July 2017

Science- PCM

Percentage: 89.60/100.00

SKILLS

Tech Skills: - Cloud Infra Security, AWS, GCP, Azure, Linux, Microsoft 365 Security, Python, Google Apps Script, Endpoint Security, Identity Security, OSINT, Security Operations and Incident Response, Networking, Google Workspace, Microsoft Excel, Web Security, Burp Suite, NMAP, Wireshark, Metasploit, Nikto, SAST, SIEM, Docker, DLP, Coralogix, Trendmicro, Netskope, Splunk, Threat Detection, OWASP Top 10, Security Automation

Soft Skills: - Communication, Teamwork, Quick Learner, Research, Report Writing, Problem Solving

PROJECTS

Secret Scanning In DevSecOps Pipelines

- Implemented secret scanning into DevSecOps pipeline using Jenkins, GitLeaks, and Amazon SES, ensuring proactive identification of sensitive data and immediate alerts for enhanced codebase security.

GeekSwags - Automated Dropshipping Store

- A hands-on project developed to demonstrate and practice my DevOps skills, AzureDropShip360 is an automated dropshipping solution hosted on Azure. It incorporates secure payments, API integration, email alerts via Azure Communication Service, strong authentication, and DDoS protection.

PUBLICATIONS

Fuzzing REST APIs for Bugs: An Empirical Analysis

FICTA 2022 Conference, 2023

[Publication Link](#)

Artificial Intelligence in Indian Irrigation

IJSRCSEIT Journal, 2019

[Publication Link](#)

CERTIFICATIONS

CompTIA Security+

Google Cloud Certified: Professional Cloud Security Engineer

AWS Certified Cloud Practitioner

Microsoft 365 Certified: Security Administrator Associate

CCNA: Introduction to Networks

Microsoft Certified: Azure Security Engineer Associate

LANGUAGES

English, Hindi