Deepak Narayanan S

Senior Cybersecurity Engineer

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GitHub

Blog

Honors

Portfolio

ABOUT ME

With over 10 years of total experience, including 5+ years in Information Security Management and CIRT Management, I specialize in driving end-to-end security operations and managing complex technical, analytical, and strategic projects from initiation through successful deployment. My core strengths include technical leadership, documentation management, project coordination, and cross-functional collaboration, with a proven track record of enhancing team and organizational performance. I am passionate about improving security posture, streamlining processes, and delivering impactful results within defined timelines.

EDUCATION

Bachelor of Engineering (B.E.)
Mechanical Engineering
Graduated in 2013 with 70%

CERTIFICATIONS

Splunk Certified Cybersecurity Defense Analyst
(Investigating with Splunk)

TECHNICAL COMPETENCY BADGES

GitHub: Pull Shark Badge (August 26, 2023)

RangeForce: Newbie and Blue Team badges

TryHackMe: Blue Teaming, Red Teaming, Foundations

HackerRank: 30 Days of Code (Python)

EXPERIENCE SUMMARY

Total Experience: 10+ years across IT Infrastructure, Technical Support, and Cybersecurity

Cybersecurity Experience: 5+ years in Information Security Management and CIRT Management

Current Role: Senior Cybersecurity Engineer – CIRT at Valeo India Private Limited

Key Expertise: PAM Implementation, Incident Response, Threat Hunting, Vulnerability Management, Security Automation

Career Progression: Technician → System Engineer → Technical Support → Cybersecurity Analyst → Senior Cybersecurity Engineer

PROGRAMMING & SCRIPTING

Python – AI agent automation

PowerShell – Windows automation

Bash & Cron Jobs – Linux automation

Google Apps Script – Workflow automation

YAML – IaC, CI/CD configuration

AWARDS & RECOGNITIONS

★ **Employee of the Month (June 2024)**
Awarded for successfully managing PAM Project end-to-end with innovative automation initiatives

★ **Long Service Award (October 2023)**
Recognition of loyalty, dedication, and long-term commitment

★ **Individual Contributor Award (March 2022)**
Outstanding individual performance and contribution to team success

★ **Employee of the Month (November 2021)**
Exceptional performance and dedication

★ **Certificate of Appreciation (April 2020)**
Top performer during COVID-19 lockdown with exceptional dedication

TOOLS & TECHNOLOGIES

IAM & PAM:
Thycotic Secret Server, One Identity, Thales SSO

Endpoint Security:
Palo Alto Cortex XDR, Trellix, Ivanti MDM

Vulnerability Management:
Qualys, Nessus

SIEM & Threat Intel:
Splunk, VirusTotal, AlienVault OTX, MISP

DevSecOps:
SonarQube, Trivy, Gitleaks, Snyk, OWASP ZAP

AI Frameworks:
CrewAI, LangChain, MCP, Ollama, Hugging Face

Cloud Security:
AWS GuardDuty, CloudTrail, Athena

Pentesting:
Kali Linux

CYBERSECURITY EXPERIENCE, COMPETENCIES & PROJECTS

Valeo India Private Limited   July 2025 – December 2025*
Senior Cybersecurity Engineer – CIRT

‣ Managed security incidents and alerts using Cortex XDR and Splunk, coordinating with regional cybersecurity officers for analysis and remediation

‣ Implemented alert tuning and whitelisting in XDR to reduce false positives and improve detection quality

‣ Monitored log source integrity in Splunk, ensuring no data gaps during critical incident investigations

‣ Conducted threat hunting by creating custom XDR queries and automated ticketing workflow using Google Apps Script

‣ Managed vulnerabilities using Qualys, automating Jira ticket creation for site and app-specific tracking

‣ Performed penetration testing on PAM project using Kali Linux, identifying critical vulnerabilities and coordinating fixes

‣ Executed reconnaissance assessments to identify organization-owned assets and strengthen perimeter security

‣ Expanded cybersecurity expertise through AI-driven security automation, developing multiple AI-based projects

Valeo India Private Limited   October 2023 – June 2025
Senior Cybersecurity Engineer – InfoSec

‣ Managed One Identity PAM solution (SPP and SPS) end-to-end from initiation to deployment and user onboarding

‣ Coordinated with implementation teams and vendor across all project phases, including LDAP, DNS, SMTP integration

‣ Handled appliance licensing, SSL certificate management, version upgrades, patching, and hotfix deployments

‣ Designed dedicated PAM project site with admin guides, architecture diagrams, user guides, and KT videos

‣ Conducted Disaster Recovery Plan (DRP) testing and collected user feedback for continuous improvement

‣ Configured AWS S3 buckets for PAM session videos and backups via EC2 Linux intermediary instance

‣ Led PAM team and conducted live knowledge transfer sessions for effective product management

‣ Developed automation scripts using Google Apps Script, Bash, PowerShell, and Python to streamline workflows

Valeo India Private Limited   **March 2022 – October 2023**

Senior Cybersecurity Engineer – InfoSec

- Expanded ESSO responsibilities, managing application integrations and access provisioning
- Performed IDM console operations including bulk onboarding of external companies and auditing
- Enhanced MDM management with advanced technical audits and OU management
- Managed Lookout antimalware console, alerting users of high-risk threats and providing mitigation guidance
- Administered PKI certificate lifecycle and Secret Server tasks including access management and auditing
- Managed PGP SSL certificate monitoring and upgrades, coordinating with COE team and vendor support
- Managed External Connection Validation Tool, reviewing external user access prior to firewall implementation
- Mentored junior analysts and created comprehensive documentation for knowledge transfer

Valeo India Private Limited   **October 2020 – February 2022**

Cybersecurity Analyst – InfoSec

- Managed Identity & Access Management (IAM) including user provisioning and authentication troubleshooting
- Handled Mobile Device Management (MDM) via Ivanti with advanced troubleshooting support
- Conducted Network Access Control (NAC) validation and Trellix manual OU movements
- Maintained 100% security score for Infrastructure Quality Control Tool through proactive issue resolution
- Administered Enterprise Single Sign-On (ESSO) via smartcards including PIN resets
- Managed Symantec PGP console for encrypted email communication with configuration and troubleshooting