SAKET THOMBRE

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Associate Security Architect with 3+ years of combined experience in infrastructure and risk management, internet security, configuration and troubleshooting complex networks while working in a large enterprise setting.

EDUCATION

Syracuse University – MS in Cybersecurity, *Syracuse, NY*   Aug 2022 - May 2024
Savitribai Phule Pune University – BE in Computer Engineering, *Pune, India*   Aug 2015 - May 2020

TECHNICAL SKILLS

- Tools: Wiz.io, Cyera, Snyk.io, Entro, Wireshark, Nmap, Nessus, Burp Suite, Excel
- Coding and Cloud: Python, Bash, Linux, Google Cloud, AWS

EXPERIENCE

Paramount Pictures, Associate Security Architect – *New York, NY*   July 2024 - Present
- Published and enforced newer versions of enterprise wide Data Security Standards (DSS) and Data Encryption Standards (DES) to ensure data confidentiality and integrity based on various information security standards.
- Developed and aligned comprehensive compliance frameworks for AI security and multi-cloud environments including AWS, Azure, GCP and OCI. Ensuring adherence to company infosec policies as well as industry standards like NIST CSF, CIS and OWASP.
- Customized and implemented CIS benchmarks for diverse environments including Aspera, Windows Server 2022, Snowflake and PostgreSQL, aligning standard security guidelines with company specific requirements.
- Established and managed Risk Tracking and Treatment (RTT) tasks for multiple project teams ensuring timely completion and adherence to established project timelines.
- Authored a comprehensive document titled 'Tracking known deviations in CSPM' to streamline resource tagging, effectively minimizing alert noise suppression for specific use cases and exceptions.
- Co-authored the 'Guardrails' section of the AI Security Best Practices document covering guidelines specific to AWS, GCP, Azure and OCI to ensure alignment with internal policies and industry standards.

Paramount Pictures, Information Security Architecture Intern - *New York, NY*   Jun 2023 - Aug 2023
- Efficiently documented 300+ pages of security controls for Google Cloud and Azure on Confluence, aligning with Cloud Security Alliance and NIST 800-53 standards, utilizing tools like Wiz.io, Synk.io and Sysdig Secure.
- Spearheaded design review meetings, playing a pivotal role in strengthening and enforcing information security policies, and aligning application security with organizational cybersecurity objectives.
- Utilized the OneTrust platform to effectively categorize and manage over 200 risks within the risk registry based on the NIST Cybersecurity Framework (CSF).

Palo Alto Networks (Contracted with iOPEX Technologies), TAC Engineer - *India*   Sep 2020 - Oct 2021
- Maintained a highly available, reliable, and efficiently running network systems for 50+ clients to minimize network infrastructure downtime based on industry best practices.
- Worked in a client-facing role providing RCA to SL1, SL2, and SL3 clients in EMEA and NAM.
- Configured NGFWs, Panorama and GlobalProtect ensuring robust installation, configuration, and maintenance.
- Triaged and monitored relevant logs for feature requests, bugs for Cortex XDR working with various engineering teams.
- Fixed network issues across 200+ unique customer environments and implemented effective risk mitigation.
- Conducted thorough network analysis identifying critical network misconfigurations and recommending enhanced IT security measures to limit down-time and data loss.

CYBERSECURITY COMPETITIONS

CyberForce by Department of Energy, Team Leader – *QCenter Chicago*   Nov 2023
- Secured 20th position among over 100 universities. Focused on Anomalies (CTFs) and infrastructure hardening.

Lockdown, Member – *Syracuse University*   Oct 2023
- Obtained 4th place by securing the network using a pfsense firewall and led the team to complete security tasks.

NCAE Cybergames, Team Leader – *Syracuse University*   Mar 2023
- Secured 3rd position in the northeast regional competition. Focused on Capture the Flags (CTFs).

CERTIFICATES

- Fundamentals of AI Security (Microsoft Learn)   Nov 2025
- CompTIA Security+ ce (Credentials: FMDMQCQTCB1112K2)   Sept 2023
- Google Cloud Certified Cloud Digital Leader (Credential Blockchain ID: 797115)   July 2023

PROJECTS

Access control system based on head and torso movements.   Apr 2023
- Implemented a biometric access control system integrating head and torso movement-based authentication, bolstering security; enhanced overall access control efficiency by 30%.

Random number generator with external audio inputs.   Dec 2022
- Integrated a conventional pseudorandom number generator (PRNG) with external audio inputs, significantly elevating entropy levels and the quality of generated random numbers.