Salman Shekh

San Diego, CA| shekhhsalman@gmail.com | (619)-764-3324 | www.linkedin.com/in/salmanshekh | Secret Clearance

Summary

Cybersecurity Engineer with hands-on experience across application security, cloud security, and incident response. Proven ability to design and enforce security controls, conduct secure design reviews and threat modeling, and automate risk assessment workflows. Experienced with SIEM-driven detection, IAM, and cloud security tooling in enterprise environments. Active Secret Security Clearance.

PROFESSIONAL EXPERIENCE

AI Software Developer Co-op
Qualcomm — *San Diego, CA*
Sept 2025 –Present

- Designed and developed an Android-based computer vision application to detect driver drowsiness, distraction, and inattention, integrating real-time alerting logic with secure data handling practices.
- Applied secure coding principles and privacy by design techniques to ensure minimal data retention and compliance with security best practices.
- Implemented an initial lightweight detection model followed by a secondary refinement model to handle edge cases such as poor lighting, occlusions, and sensor noise while maintaining real-time performance

IT Engineer
UPAC — *San Diego, CA*
Feb 2020 – Present

- Developed and delivered training to small business employees on best practices for cybersecurity, resulting in a 25% increase in knowledge and awareness of security issues. Trained new team members on company procedures and safety requirements.
- Built and maintained relationships with small business clients, supporting all aspects of business development and providing ongoing technical assistance.
- Led incident response activities using Sentinel and Ninja One, including alert triage, investigation, containment, and remediation.
- Developed and enforced security policies, standards, and procedures covering access control, incident response, acceptable use, and data protection.

Software Engineer Intern (Application & Cloud Security)
HP — *Vancouver, WA*
May 2025 – Aug 2025

- Built an AI-assisted security risk assessment platform to automate secure design reviews, replacing manual and inconsistent processes.
- Automated security documentation and PDF reporting, reducing approval timelines from weeks to minutes while improving audit readiness.
- Reviewed cloud security risks using WIZ, partnering with engineering teams to identify, prioritize, and remediate cloud misconfigurations and vulnerabilities across AWS

IT & Security Manager
Urban Restoration Counseling Center *San Diego, CA*
Dec 2022 – Jun 2025

- Designed and implemented layered security architecture including firewalls, IDS/IPS, EDR, and centralized logging, aligning controls with NIST and CIS benchmarks and reducing security incidents by 30%.
- Owned identity and access management (IAM) for 20+ users, enforcing MFA, RBAC, and least-privilege access in alignment with Zero Trust security principles.
- Led incident response efforts including detection, containment, eradication, and recovery, while driving system hardening, patch management, and vulnerability remediation to reduce attack surface.
- Administered cloud and on-prem infrastructure, improving availability, security posture, and compliance.
- Managed IT budgets, vendors, and licensing, reducing technology spend by 20% while improving security coverage.

EDUCATION

California State University San Marcos, CA Expected May 2026
B.S Software Engineering
Accomplishments: National Cyber League (18th Place), NSBE Member, Color Stack Chapter (President), Google Student Developer Club Member

San Diego State University, San Diego, CA Graduated Sept 2022
Cybersecurity Professional Certificate
Coursework: Network Security, Computer Networking, Cloud Security, Cyber Infrastructure & Technology, Python, Linux Security, Microsoft Security, Ethical Hacking, Digital Forensics and Incident Response.

CORE CYBERSECURITY SKILLS

- Application Security: SSDLC, Threat Modeling, Secure Design Reviews, OWASP Top 10
- Cloud Security: AWS, Azure, IAM, Network Security Groups, Logging & Monitoring
- DevSecOps: CI/CD Security, GitHub Actions, Terraform
- SIEM & Detection Engineering: Splunk, Wazuh, Microsoft Sentinel, IDS/IPS
- Identity & Access Management: MFA, RBAC, Least Privilege
- Programming Languages/Scripting: Python, C++, Java, PowerShell, Bash
- Compliance Awareness: NIST, ISO 27001, HIPAA, PCI DSS, CIS Controls

CORE SOFTWARE SKILLS

- Backend & Application Frameworks: Spring, Spring Boot, RESTful Web Services, .NET
- Cloud Platforms & Distributed Systems: AWS (EC2, S3, IAM), Azure, Azure Stack, Cloud-Native Architectures
- Build & Dependency Management: Maven, Gradle
- DevOps & Platform Engineering: CI/CD Pipelines, Docker, Kubernetes, Jenkins, Azure DevOps
- Frontend & Web Technologies: ReactJS, Angular, Vue.js, HTML, CSS, SASS, JavaScript
- Server-Side & Web Infrastructure: Node.js, Nginx, Web Sockets