

Daniyal Akbar

US Citizen | Current Top Secret/SCI Clearance with CI Polygraph | Houston, TX | 832-806-9900 | daniyal.s.akbar@gmail.com
linkedin.com/in/daniyalakbar | dakbar.github.io

PROFESSIONAL EXPERIENCE

Hydra Technologies	Houston, TX	Aug 2024 – Present
<i>Security Operations Center (SOC) Engineer</i>		
<ul style="list-style-type: none">Engineered and optimized SOC monitoring workflows by leveraging SIEM platforms (Splunk, QRadar) to detect, investigate, and respond to security incidents.Performed advanced threat hunting using log analytics, endpoint telemetry, and network traffic patterns to identify stealthy adversarial behaviors.Tuned SIEM rules and correlation logic to enhance detection fidelity, reducing false positives by 25%.Implemented security hardening and automated compliance checks across Linux and Windows servers using Python, PowerShell, and Ansible, ensuring adherence to NIST and CIS benchmarks.		
Raytheon	Richardson, TX	Dec 2021 – Jul 2024
<i>Software Systems Engineer</i>		
<ul style="list-style-type: none">Developed and automated CI/CD pipelines using Jenkins, integrating security checks like static code analysis (SonarQube) and vulnerability scans (Nessus) to ensure compliance with industry standards.Built Python-based automation tools to orchestrate infrastructure deployments, perform API contract testing, and validate microservices behavior across development and staging environments.Led a team of 5 engineers to design and deploy Kubernetes clusters with automated deployment processes, resulting in a 20% improvement in application deployment time.Led the migration of monolithic applications to microservices-based architecture using Docker and Kubernetes, improving scalability and security.Created Python utilities that interfaced with AWS SDK (Boto3) to automate provisioning, monitoring, and security configuration for cloud resources.		
Lockheed Martin Rotary and Mission Systems	Moorestown, NJ	May 2021 – Dec 2021
<i>Operating Systems (OS) Engineer</i>		
<ul style="list-style-type: none">Participated in the development and testing of embedded systems, ensuring adherence to secure software development practices.Created and executed regression test plans for complex software components in high-security environments, ensuring system integrity.Assisted in troubleshooting system issues and worked with cross-functional teams to address system security flaws.		

CERTIFICATIONS

Security+ – CompTIA

Certified Azure Security Engineer Associate – Microsoft

Certified Solutions Architect - Associate – AWS

Associate Cloud Engineer – Google Cloud

Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate – Oracle

Certified Scrum Master – Scrum Alliance

Certified Scrum Product Owner – Scrum Alliance

Certified SAFe 6 Agilist – Scaled Agile

J-STD-001 Solder Certification – IPC

SKILLS

CI/CD (Jenkins, Ansible, Terraform), Infrastructure as Code (IaC) with Terraform, Docker, Kubernetes, Security Automation (SonarQube, OWASP ZAP), AWS (IAM, Security Groups, CloudWatch), Azure, Google Cloud, Vulnerability Management, Network Security (VPC, VPNs, Firewalls), Compliance (NIST, CIS Benchmarks), Fluent in English, Urdu, & Hindi

EDUCATION

University of Houston, Cullen College of Engineering	Houston, TX	Dec 2020
Bachelor of Science in Electrical Engineering (Cum Laude)		