

# Amil Arthur

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## Professional Summary

Senior GRC and security engineering leader with extensive experience implementing audit-ready controls, maturing compliance programs, and aligning DevSecOps with frameworks like SOC 2, ISO 27001, and RMF. Trusted to lead ISSM-level governance, automate evidence collection, and deliver scalable security outcomes across cross-functional teams.

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## Professional Experience

### Principal Security Consultant & Cloud Architect

*Encrytec* — Remote | 2024 – Present

- Architected AWS environments with multi-VPC design, IAM segmentation, and auditing aligned to NIST 800-53 and SOC 2
- Automated infrastructure and baseline controls via CloudFormation, including logging, encryption, and cost guardrails
- Developed compliance-ready artifacts and stakeholder documentation covering system components, access, and controls
- Delivered secure, audit-aligned cloud environments for clients, integrating compliance controls without compromising scalability

### Technical Program Manager

*United States Navy* — Various Locations | Dec 2015 - Present

- Directed cybersecurity governance as the designated Information Systems Security Manager (ISSM) for high-assurance Navy systems, leading RMF compliance, ATO/IATT readiness, and continuous monitoring across classified and unclassified environments
  - Led a 30+ person multidisciplinary security team; mentored junior personnel and coordinated secure system delivery with engineering and operations teams
  - Oversaw enterprise risk assessments and control implementation aligned to NIST 800-53/171 and DoD 8570 frameworks
  - Collaborated with stakeholders to architect secure systems, enforce encryption/identity protocols, and drive audit readiness
  - Served as primary liaison to senior leadership and external assessors, delivering system posture briefings and guiding incident response strategy
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## Certifications & Clearance

- CISSP · CISM · CCSP · CISA · PMP · PMI-ACP · Certified Scrum Master (PSM)
  - AWS Solutions Architect – Associate
  - TS/SCI Clearance (Active) · DoD 8570 IAM Level III & IAT Level III Compliant
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## Projects

### **Project Tracking Suite – Power Platform | Internal Dev Tool, 2025**

Built and launched custom low-code solution with Power Apps & Automate for secure program tracking, dashboard reporting, and workflow automation.

### **Security Thesis – AI Classification Bot & GAN Model | Applied Research, 2021**

Developed a machine learning system for anomaly detection in SOC telemetry using Python, GANs, and classification pipelines.

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## Technical Toolbox

- AWS (EC2, S3, VPC, IAM, CloudTrail, Lambda, RDS, multi-VPC design, NAT/Bastion, CloudFormation, Terraform)
  - SOC 2, ISO 27001/27018, RMF, NIST 800-53/171, CMMC, DFARS 7012, ATO/IATT
  - IAM governance, KMS, encryption in transit/at rest, vulnerability management, access reviews
  - Audit readiness, policy development, vendor risk assessments, CCM, control attestation
  - CI/CD (CodePipeline, GitHub Actions, Jenkins), Python, Bash, Git
  - Power Platform (Power Apps, Power Automate), Microsoft 365, SharePoint, Teams
  - Monitoring & SIEM: CloudWatch, VPC Flow Logs, Splunk, Microsoft Sentinel, logging pipelines, cost controls, incident response coordination
  - SIEM platforms, logging pipelines, incident response coordination
  - Jira, Confluence, ServiceNow
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## Education

### **National Intelligence University**

Master of Science – Cybersecurity & Data Analytics

### **University of Arizona**

Master of Science – Information Systems Management