MADAN ARITAKULA

Cloud Security Engineer | Multi-Cloud (AWS · Azure · GCP)

Hyderabad, India | +91 8374462572 | aritakulamadan@gmail.com | linkedin.com/in/madan-aritakula

Nationality: Indian | **Open to relocation to the UAE — eligible for UAE Job Seeker Visa (immediate availability to interview on-site)**

PROFESSIONAL SUMMARY

AWS-certified Cloud Security Engineer with 7.5+ years securing and operating multi-cloud environments across AWS, Microsoft Azure/Entra ID, and Google Cloud Platform. Specialist in identity and access governance (SSO/SAML/SCIM), cloud security posture management, and certificate lifecycle, with the infrastructure and automation depth to build and harden cloud platforms end-to-end. Proven record of replacing manual review with scripted controls — a GitHub access audit across 30+ organizations, a multi-region incident-automation pipeline, and org-level GCP governance. Holds AWS Solutions Architect Professional. Works directly with engineering leadership and vendors to close security findings, enforce least privilege, and keep enterprise cloud and identity infrastructure compliant.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Professional**
- **AWS Certified Solutions Architect – Associate**
- *In progress:* Certified Kubernetes Administrator (CKA), AWS DevOps Engineer – Professional, HashiCorp Terraform Associate

CORE SKILLS

Cloud Platforms: AWS (IAM, EC2, VPC, Lambda, RDS, ECS/Fargate, ACM, CloudWatch, SNS, SQS, Organizations, Control Tower), Microsoft Azure / Entra ID, Google Cloud Platform (IAM, Org Policies, Audit Logs, GKE)

Identity & Access Management: SSO/SAML integrations, SCIM provisioning, Conditional Access policy design, MFA enforcement, least-privilege access reviews, enterprise IAM governance

Security & Compliance: Rapid7 InsightCloudSec, Vanta, Devo SIEM, AWS Security Hub / GuardDuty / Config, SSL/TLS certificate lifecycle (CSR, ACM DNS validation, PKCS#7), SOC 2 support, findings remediation

Automation & IaC: Terraform, OpenTofu, Spacelift, Ansible, AWS CloudFormation, GitHub Actions, Jenkins, PowerShell, Bash

Containers & DevOps: Docker, Kubernetes (GKE), ECS/Fargate, CI/CD pipelines, infrastructure drift detection

Platform Administration: GitHub Enterprise administration, Jira/Confluence architecture, Observe OPAL, Microsoft Graph PowerShell, ServiceNow

Monitoring & Observability: AWS CloudWatch, Dynatrace, Site24x7, Devo SIEM

Operating Systems: Linux (RHEL, CentOS, Ubuntu), Windows Server

PROFESSIONAL EXPERIENCE

Cloud Security Engineer — Jaggaer

May 2025 – Present

Cloud Security Architecture & Engineering (CSAE) Team | Hyderabad, India

- Led an enterprise-wide GitHub access governance audit across 30+ organizations using PowerShell and GitHub CLI, removing dormant accounts and tightening least-privilege posture org-wide.
- Owned identity/SSO lifecycle enterprise-wide: implemented SAML SSO with Microsoft Entra ID for multiple SaaS platforms, repaired expired SCIM provisioning for Atlassian Cloud, and resolved Conditional Access policy conflicts blocking enterprise application access.
- Engineered an end-to-end production incident pipeline (SNS, Lambda, Jira webhooks) connecting Aurora CloudWatch alarms to Jira across three AWS regions, cutting manual triage time.

- Built regional AWS platform infrastructure end-to-end (S3, SQS, SNS, Secrets Manager) with encryption enforcement, least-privilege IAM, and SCP-aligned controls.
- Designed and enforced GCP deny-org policies restricting service quota increases, paired with a custom service account audit script for ongoing governance.
- Root-caused AWS Control Tower landing-zone and Fargate execute-command failures, and configured cross-account IAM roles for multi-account infrastructure.
- Managed SSL/TLS certificate lifecycle end-to-end — CSR generation and reissue, ACM DNS validation, PKCS#7/P7B conversions, and customer-facing renewal coordination.
- Remediated Rapid7 InsightCloudSec findings and architected a dedicated Jira project structure for cross-cloud security findings tracking.
- Administered SaaS license governance for enterprise AI platforms, enforcing a one-license-per-user policy backed by a FinOps approval workflow.

Cloud Engineer III — Insight Direct India Pvt Ltd Jul 2024 – May 2025

- Implemented AWS Landing Zone and Control Tower solutions for enterprise customers, including Service Control Policies across Control Tower resources.
- Delivered security baselines using AWS Security Hub, GuardDuty, and Config across customer environments.
- Automated infrastructure provisioning and drift detection using Terraform, CloudFormation, and Ansible, including reverse-engineering existing resources into IaC.
- Led mass cloud migration engagements and centralized backup design using AWS Backup across customer accounts.

Cloud Ops Engineer — Minfy Technologies Jan 2022 – Jul 2024

- Managed AWS Migration Service engagements for 2+ years, transitioning customer systems to AWS with minimal downtime.
- Administered IAM governance — account creation, policy authoring, IAM Groups/Roles, and MFA/security-credential baselines across AWS Organizations.
- Owned AWS billing management and cost optimization reporting, flagging spend anomalies and recommending corrective action.
- Operated as super admin for Site24x7 monitoring, integrating AWS resources and routing alerts to Jira via webhook automation.

Software Engineer — TechGrit Inc. Aug 2021 – Dec 2021

- Provided 24/7 production support across AWS and Linux environments, including EC2, EBS snapshot, and Auto Scaling management.
- Managed IAM users/policies and S3 bucket access controls, and configured security groups for inbound/outbound traffic.

IOC Analyst — NTT Cloud Jul 2019 – Aug 2021

- Configured AWS VPN, VPC Peering, and Transit Gateway connectivity across multi-account, multi-region environments, plus IPSEC connectivity between AWS and Azure.
- Delivered 24/7 Linux and virtualization production support, including backup/restore, LVM partitioning, and system performance monitoring.

SELECTED PROJECTS

Enterprise GitHub Access Governance Audit

- Audited and remediated user access across 30+ GitHub organizations using PowerShell and GitHub CLI; removed dormant accounts and established a repeatable access-review process.

Aurora Production Alarm-to-Jira Automation Pipeline

- Designed and deployed an SNS → Lambda → Jira webhook pipeline across three AWS regions to automatically convert Aurora production alarms into tracked incidents.

GCP Org-Level Governance Rollout

- Implemented deny-org policies to restrict service quota increases and built a custom audit script for ongoing GCP service account governance.

EDUCATION

- **MCA (Master of Computer Applications)** — Sri Sai College of IT & Management, Kadapa (2016–2019), 84%
- **B.Sc. in Computer Science** — Shri Vaishnavi Degree College, Kadapa (2013–2016), 87%