

Amin Jafar Syed

Senior Engineering Lead – Cloud | Security | Data | AI

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Innovative Senior Engineering Lead with 13+ years of experience across **Cloud Security, DevSecOps, Data Architecture, and AI-driven automation**. Skilled in designing **secure, scalable, and compliant infrastructures** on AWS, Azure, and GCP. Strong expertise in **Identity & Access Management (IAM), Governance Risk & Compliance (GRC), Cybersecurity Architecture, and Cloud Migrations**. Experienced in leveraging **Generative AI and Agentic AI** for automation, security, and analytics in production environments. Adept at leading global teams, aligning technical design with business goals, and delivering enterprise-grade solutions with precision and operational excellence.

Certifications

- Microsoft Certified: **Azure Security Engineer Associate (AZ-500)**
 - Microsoft Certified: **Identity and Access Administrator (SC-300)**
 - Microsoft Certified: **Azure Fundamentals (AZ-900)**
 - Microsoft Certified: **Security, Compliance, and Identity Fundamentals (SC-900)**
 - Microsoft Certified: **Azure Data Fundamentals (DP-900)**
 - Microsoft Certified Professional (MCP)
- (In Progress: Microsoft Certified: Azure Solutions Architect Expert)*
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Core Competencies

Cybersecurity & Compliance

- Cybersecurity Architecture (Cloud + On-Prem)
- IAM (Authentication, Authorization, Administration, Auditing)
- Zero Trust & Privileged Identity Management (PIM)
- GRC (PCI DSS, HIPAA, ISO 27001, SOC 2, GDPR)
- Security Monitoring (Microsoft Sentinel, Splunk, Defender Suite, CrowdStrike, Qualys, Nessus)
- Vulnerability Management & Compliance Automation
- Governance with OPA, Checkov, Terrascan, Azure Policy

Cloud Platforms & Migration

- Cloud Architectures: **Azure (6+ yrs), AWS (5+ yrs), GCP (2+ yrs)**
- Workload & Data Migrations (DMS, MGN, Snowball, Synapse, Redshift, Snowflake)
- Kubernetes (AKS, EKS, GKE) & Serverless (Azure Functions, AWS Lambda)
- Hybrid Cloud, Networking, and Secure Identity Integration
- FinOps: Cost optimization & scalable architectures

Data & Analytics

- **Data Architect (5+ yrs):** Data Lakes, Warehouses, Marts
- Tools: Azure Data Lake, Databricks, Synapse, Redshift, Snowflake
- Data Modeling: Star/Snowflake schemas, SCD handling
- BI & Visualization: Power BI, Tableau, Grafana
- Metadata & Governance: Azure Purview, Glue Data Catalog

AI & Emerging Tech

- **Generative AI (2–3 yrs):** Azure OpenAI, Hugging Face, RAG solutions
- **Agentic AI:** Multi-agent workflows for DevSecOps, Security, and Data Ops
- Azure AI Services: AI Search, Bot Service, Document Intelligence
- AI in Security: Automated vulnerability detection, SOC augmentation
- Metaverse & XR Exposure: Cloud backends, IAM integration, AI-driven immersive systems

Infrastructure & Automation

- Infrastructure as Code: Terraform, Bicep, CloudFormation, Ansible
- CI/CD Pipelines: Jenkins, Azure DevOps, GitHub Actions, GitLab CI, Argo CD
- Observability: Prometheus, Grafana, Azure Monitor, Datadog
- Containerization: Docker, Kubernetes, OpenShift

Professional Experience

Senior Engineering Lead – Cloud & Security

Persistent Systems, Pune | Jul 2021 – Aug 2025

- Designed **secure multi-cloud architectures** (Azure, AWS, GCP) with IAM, encryption, and compliance frameworks.
- Architected **enterprise Data Warehouse solutions** (Synapse, Redshift, Snowflake) with integrated BI dashboards (Power BI, Tableau).
- Automated compliance and **vulnerability scanning pipelines** using Trivy, Snyk, Checkov, and integrated CVE remediation into CI/CD.
- Implemented **Cybersecurity Architecture frameworks** for Authentication, Authorization, and Audit aligned with Zero Trust.
- Applied **Generative AI** for policy automation, config rewriting, and RAG-powered knowledge systems.
- Prototyped **Agentic AI workflows** for DevSecOps: code scanning, infrastructure provisioning, and security incident triage.
- Developed **secure migration strategies** for on-prem to cloud workloads, including databases (SQL Server, Oracle → Synapse, Aurora).
- Delivered **real-time security dashboards** using Grafana, Sentinel, and Azure Monitor for posture reporting.

Windows Engineer (Systems & Identity)

Amdocs, Pune | Aug 2017 – Jul 2021

- Implemented **Active Directory, Azure AD, MFA, and SSO (SAML/ADFS)** across hybrid enterprise environments.
- Strengthened **IAM governance** with lifecycle automation and privileged access management.
- Secured VMware and Citrix environments with compliance-driven patch management.

Technology Security Analyst

Accenture, Bengaluru | Feb 2017 – Aug 2017

- Conducted **penetration testing and risk assessments** using OWASP ZAP, Burp Suite, Nessus.
- Integrated security controls into **SDLC pipelines** and implemented ISO 27001/NIST compliance.

Support Engineer → Technical Assistant

Convergys | Concentrix | JBM Enterprises | 2012 – 2017

- Provided IT infrastructure support (Windows, Linux, VMware, Citrix).
 - Managed firewalls, VPNs, and endpoint security tools.
 - Delivered **secure infrastructure operations** ensuring uptime and compliance.
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Education

Bachelor of Engineering (B.E.) – Nagpur University