

Job Title: Cloud Solution Architect

(AWS, Azure, GCP, Infrastructure as Code, Security & Compliance)

Responsibilities

- Design end-to-end cloud architecture solutions for enterprise clients across AWS, Azure, and GCP platforms
- Lead architectural reviews and ensure adherence to cloud best practices and security standards
- Design scalable, highly available, and cost-optimized cloud infrastructures supporting mission-critical applications
- Create and maintain architecture documentation, design patterns, and reference architectures
- Implement Infrastructure as Code (IaC) using Terraform, CloudFormation, and ARM Templates
- Design multi-cloud and hybrid cloud architectures ensuring seamless integration
- Establish cloud governance frameworks including security policies, compliance standards, and cost management
- Provide technical leadership and mentorship to engineering teams on cloud architecture principles
- Conduct cloud architecture assessments and provide optimization recommendations
- Design disaster recovery, backup strategies, and business continuity solutions
- Evaluate and recommend cloud services, tools, and technologies aligned with organizational objectives
- Collaborate with security teams to implement Zero Trust Architecture, IAM policies, and compliance controls
- Design and implement monitoring, logging, and observability frameworks
- Troubleshoot complex architectural issues and provide timely solutions

Required Qualifications

5+ years of professional experience in cloud architecture and infrastructure

Strong hands-on experience with:

- AWS (EC2, EKS, S3, VPC, IAM, RDS/Aurora, Lambda, CloudFront, WAF, Route53, DynamoDB)
- Azure (App Services, Functions, VNet, Application Gateway, API Management)
- GCP (Compute Engine, GKE, Cloud Storage, BigQuery)
- Infrastructure as Code (Terraform, CloudFormation, ARM Templates)
- Container orchestration (Kubernetes, EKS, GKE, AKS, ECS, Fargate)
- Microservices architecture and serverless computing

Security & Compliance:

12805 Deer Creek Lane, Los Altos Hills, California 94022, USA

- IAM, KMS, WAF, SSL/TLS, Certificate Management
- Security frameworks (PCI DSS, GDPR, SOC2, HIPAA)
- Zero Trust Architecture, Defense-in-Depth
- SSO, OAuth2, SAML integration

Networking:

- VPC design, routing, subnetting, peering
- Load balancers (ALB/NLB/Application Gateway)
- VPN, DirectConnect, ExpressRoute
- DNS management (Route53, Azure DNS)

Databases:

- SQL (MySQL, PostgreSQL, SQL Server, Oracle)
- NoSQL (DynamoDB, MongoDB, Cosmos DB)

Experience with cloud cost optimization and FinOps practices

Strong understanding of DevOps principles and CI/CD pipelines

Experience with monitoring tools (Prometheus, Grafana, CloudWatch, Datadog)

Strong problem-solving and analytical skills

Experience working with AI tools to accelerate productivity

Nice-to-Have Skills

- Cloud certifications (AWS Solutions Architect, Azure Solutions Architect, GCP Professional Cloud Architect)
- Experience with service mesh technologies (Istio, Linkerd)
- Knowledge of site reliability engineering (SRE) practices
- Experience with data analytics and big data platforms
- Familiarity with chaos engineering and resilience testing
- Experience working in agile or scrum-based environments
- Strong presentation and stakeholder management skills
- Willingness to stay current with emerging cloud technologies
- High sense of ownership and accountability for architectural decisions