

Job Requirement

Cloud Architect/Engineer

Job Description:

As a Cloud Architect/Engineer, you will be responsible for designing, implementing, and managing cloud infrastructure solutions that meet the needs of our organization. You will play a key role in architecting scalable, secure, and highly available cloud environments to support our applications and services. Working closely with cross-functional teams, you will assess business requirements, identify appropriate cloud technologies, and develop cloud strategies to optimize performance, reliability, and cost-efficiency.

Key Responsibilities:

1. Design and architect cloud infrastructure solutions based on business requirements, considering factors such as scalability, reliability, security, and cost optimization.
2. Lead the migration of on-premises infrastructure and applications to cloud platforms, ensuring minimal disruption and maximum efficiency.
3. Evaluate and recommend cloud platforms and services based on their suitability for specific use cases, including public cloud providers (e.g., AWS, Azure, GCP) and hybrid cloud solutions.
4. Implement infrastructure automation using tools such as Terraform, AWS CloudFormation, or Azure Resource Manager to provision and manage cloud resources programmatically.
5. Implement security best practices and compliance standards (e.g., GDPR, HIPAA, PCI DSS) in cloud environments, including identity and access management, network security, encryption, and threat detection.
6. Design and implement solutions for high availability and disaster recovery (HA/DR) to ensure business continuity and data protection in the cloud.
7. Implement monitoring and alerting systems to proactively monitor cloud infrastructure performance, identify issues, and optimize resource utilization and costs.
8. Collaborate with cross-functional teams including software developers, DevOps engineers, and system administrators to ensure alignment of cloud infrastructure with application requirements. Share knowledge and best practices to empower team members and foster a culture of continuous learning.
9. Create documentation, guidelines, and training materials to support the adoption of cloud technologies and best practices across the organization.
10. Stay updated on emerging cloud technologies, trends, and best practices. Continuously evaluate and improve cloud infrastructure architecture and processes to enhance performance, reliability, and security.

Preferred Qualifications:

Job Requirement
Cloud Architect/Engineer

- Bachelor's degree in Computer Science, Information Technology, or a related field. Advanced degree or relevant certifications (e.g., AWS Certified Solutions Architect, Microsoft Certified: Azure Solutions Architect) is a plus.
- 5+ years of proven experience as a cloud architect, cloud engineer, or similar role, with a strong background in designing and implementing cloud infrastructure solutions.
- Expertise in one or more public cloud platforms such as AWS, Azure, or GCP, including proficiency in cloud services (e.g., compute, storage, networking, databases, security).
- Hands-on experience with infrastructure automation and configuration management tools such as Terraform, AWS CloudFormation, Ansible, or Puppet.
- Strong understanding of cloud security principles, best practices, and compliance standards.
- Experience designing and implementing high availability and disaster recovery solutions in the cloud.
- Proficiency in scripting and programming languages (e.g., Python, PowerShell, Bash) for automation and integration tasks.
- Excellent problem-solving skills with the ability to troubleshoot complex issues and optimize cloud infrastructure performance.
- Strong communication and collaboration skills with the ability to work effectively in cross-functional teams.
- Experience working in Agile or DevOps environments is desirable.
- Continuous learning mindset with a passion for staying updated on emerging technologies and industry trends.