

Job Description

Role Title	Azure Infrastructure Engineer
Document Version	1
Company	TQ
Department	Solutions
Reports To	Head of Engineering Infrastructure
Date	06/01/2026

1 Role Summary

As an Azure Infrastructure Engineer, you will collaborate with Infrastructure Engineers, Solutions Architects, and software developers to design and implement secure, scalable cloud-based solutions that meet business needs. You will play a key role in influencing the software development lifecycle and promoting a DevOps culture within the Solutions department.

The TerraQuest Solutions team is embracing new technologies, architectural principles, and approaches to delivery, deployment, scalability, monitoring, and security. Working across the technology and product roadmap, you will enable the business to adopt modern cloud infrastructure and software delivery practices that drive strategic initiatives.

The ideal candidate is a strong technologist with expertise in both cloud infrastructure and software engineering. You should be detail-oriented, proactive, and able to communicate clearly with stakeholders including Solution Architects, Product Owners, QA analysts, UX designers, and developers. You will be responsible for designing, implementing and maintaining robust Azure infrastructure and CI/CD solutions.

2 Role Responsibilities

The responsibilities of this role include:

- Technical ownership of Azure cloud infrastructure .
- Design, build, and maintain Azure services including App Service, Azure SQL Database, Application Gateway, API Management, Storage Accounts, and Databricks.
- Implement Infrastructure as Code (IaC) using Terraform , ARM templates and scripting (PowerShell, bash) .
- Collaborate with architects and development teams (primarily .NET) to align infrastructure with solution/application architecture.
- Ensure all solutions are secure by design and compliant with governance and regulatory standards .
- Drive adoption of DevOps practices, including automated deployments and environment provisioning .
- Implement monitoring, logging, and alerting using Azure Monitor, Log Analytics, and Application Insights .
- Troubleshoot complex infrastructure and configuration issues across environments .
- Create and maintain the documentations for knowledge sharing and training .
- Conduct proof-of-concepts (POCs) and feasibility studies for emerging technologies and guide adoption strategies .
- Stay current with changes in the cloud technology landscape and recommend strategic options work with Head of Engineering Infrastructure and other stakeholders on adoption plans.

- Work with Scrum masters and product owners and cross functional teams to translate the roadmap into products and solutions .

3 Skills and Experience Required

3.1 Essential

- Strong hands-on experience with Azure services: App Service, Azure SQL Database, Application Gateway, API Management, Storage Accounts, Databricks
- Expertise in Infrastructure as Code using Terraform and ARM templates and scripting knowledge (PowerShell, bash).
- Experience building and managing CI/CD pipelines with Azure DevOps , experience working with build and deployment orchestration tools.
- Solid understanding of cloud networking: VNets, NSGs, firewalls, load balancers, DNS
- Knowledge of security best practices: RBAC, Managed Identities, Key Vault
- Ability to implement high availability, scalability, disaster recovery, and business continuity solutions
- Proficiency in monitoring and alerting tools (Azure Monitor, Application Insights) and experience with implementing monitoring, logging and alerting solutions.
- Experience in investigating and solving environmental and configuration issues across the stack.

3.2 Desirable

- Investigate and debug .NET applications for performance and reliability
- Experience with containerization (Docker, Kubernetes)
- Knowledge of logging and monitoring stacks (ELK, Splunk , Azure Smart Detection)
- Programming experience in C#
- Exposure to cost optimization and cloud governance frameworks
- Knowledge with Blue/Green deployments, deployment slots to reduce downtime

3.3 Soft Skills

- Strong problem-solving and analytical abilities.
- Excellent communication and documentation skills.
- Ability to work collaboratively in agile, cross-functional teams.

4 Additional Information

TerraQuest is an equal opportunity employer and is committed to creating a diverse and inclusive workplace where all employees are valued and respected.

This description reflects the core activities of the role but is not intended to be all-inclusive. Other duties within the group/department may be required in addition to changes in the emphasis of duties as required occasionally. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

Please apply for more information and please do not be put off if you do not have all of the experience and skills required. If you have the majority of skills and relevant experience, we would still like to hear from you!