

Transformation and technology

Cloud Infrastructure Engineer

The job, in a nutshell

Join our team as a Cloud Infrastructure Engineer, where your expertise will be pivotal in shaping and maintaining our IT infrastructure.

In this role, you'll play a key part in designing, deploying, and optimizing our IT systems, ensuring they are reliable, efficient, and aligned with our organizational objectives.

This is an opportunity to contribute meaningfully to our infrastructure, enhancing processes and adapting to the ever-changing tech landscape.

www.ageuk.org.uk

Age UK, 7th Floor, One America Square, 17 Crosswall, London EC3N 2LB.
Registered charity number 1128267. Company number 6825798.

Our values

-  Collaborative
-  Ambitious
-  Impactful
-  Inclusive

Cloud Infrastructure Engineer

What you'll do for us:

Infrastructure Automation & Engineering

- Develop and maintain PowerShell and C# scripts to automate infrastructure provisioning, configuration, and operational workflows
- Automate business processes leveraging PowerShell and C#
- Design, implement and maintain CI/CD pipelines using Azure DevOps for infrastructure deployment and application delivery
- Manage infrastructure using Infrastructure as Code principles with Bicep or Terraform
- Utilize Git for version control of all infrastructure code, automation scripts, and configuration management
- Architect and deploy Azure cloud solutions leveraging PaaS services, serverless technologies, and modern cloud patterns

Cloud Platform Management

- Administer and optimize cloud services, particularly Microsoft 365 and Azure, for reliability, performance and security
- Oversee Active Directory Domain Services and Microsoft Entra (AAD) environments
- Implement effective monitoring strategies, utilizing performance metrics, logging, and automated response systems to ensure system health and responsiveness
- Lifecycle management of products from development through to deployment and decommissioning

Security & Operations

- Proactively manage security vulnerabilities and implement robust defense strategies through automated scanning and remediation
- Design and implement comprehensive system backup strategies, ensuring data integrity and recovery capabilities in line with organizational requirements
- Apply networking knowledge including understanding of OSI model,

Location

Hybrid/London

People management

No

Division

Transformation and technology

We're an
**Age-friendly
Employer**



www.ageuk.org.uk

Age UK, 7th Floor, One America Square, 17 Crosswall, London EC3N 2LB.
Registered charity number 1128267. Company number 6825798.

Our values

-  Collaborative
-  Ambitious
-  Impactful
-  Inclusive

Transformation and technology

DNS, MX, SPF, DKIM, DHCP, VLAN, VPN

- Manage Windows Server environments (versions 2012 R2, 2016, 2019, 2022, 2025)

Collaboration & Documentation

- Engage collaboratively with technical and non-technical personnel across the company, ensuring clear communication and good service delivery
- Actively engage in day-to-day IT operations, focusing on prompt and effective resolution of service tickets
- Create and maintain comprehensive documentation for infrastructure code, deployment processes, and system architecture

Cloud Infrastructure Engineer

Location

Hybrid/London

People management

No

Division

Transformation and technology

We're an
**Age-friendly
Employer**



www.ageuk.org.uk

Age UK, 7th Floor, One America Square, 17 Crosswall, London EC3N 2LB.
Registered charity number 1128267. Company number 6825798.

Our values

-  Collaborative
-  Ambitious
-  Impactful
-  Inclusive

Cloud Infrastructure Engineer

Must haves

The letters after each competency indicates at what stage in the selection process this area will be assessed.

Application = A, Interview = I, Test = T, Presentation = P

Experience

- Azure DevOps experience including pipeline creation, management, optimization, and release. (A, I)
- Infrastructure as Code experience deploying and managing Azure infrastructure programmatically through automation (Bicep, Terraform, or ARM templates). (A, I)
- In-depth experience with Microsoft Azure, with emphasis on automation and scripting. (A, I)
- Proven experience deploying and managing IaaS and PaaS workloads on Microsoft Azure. (I)
- Experience in effectively addressing vulnerabilities. (I)

Skills and knowledge

- Advanced scripting skills (preferably PowerShell and C#) with demonstrated ability to build complex automation solutions. (A, I)
- Ability to architect and implement solutions across the Azure platform (App Services, Functions, Storage, Networking, Virtual Machines, etc.) (A, I)
- Demonstrated ability to work autonomously and make independent decisions, as well as effectively collaborate with cross-functional teams. (I)
- Proficiency with Git source control and workflows. (I)
- Understanding of IaaS/PaaS/SaaS approaches to infrastructure and their trade-offs. (I)
- Understanding of IT security principles. (I)
- Understanding of common networking concepts and protocols. (I)

Location

Hybrid/London

People management

No

Division

Transformation and technology

We're an
**Age-friendly
Employer**



Cloud Infrastructure Engineer

Transformation and technology

Personal attributes

- Strong communication skills, verbal and written. **(I)**

Great to haves

The letters after each competency indicates at what stage in the selection process this area will be assessed.

Application = A, Interview = I, Test = T, Presentation = P

Experience

- Experience with container technologies (Docker, Azure Container Instances, Azure Kubernetes Service) **(I)**
- Linux management experience **(I)**
- Familiarity with monitoring and observability tools (Application Insights, Log Analytics, Azure Monitor). **(I)**

Skills and knowledge

- Understanding of the product lifecycle, from inception to decommissioning. **(I)**
- C# development skills for custom tooling, Azure Functions, and automation utilities. **(I)**

Personal attributes

- Relevant Microsoft Azure certifications (AZ-104, AZ-305, or AZ-400). **(I)**

Any other details

- Ability to travel occasionally to other company sites for professional development and duty performance.
- For hybrid and remote work, the candidate must ensure:
 - o Minimum internet bandwidth of 40Mbps.
 - o Stable internet connectivity (Wired / ADSL / Fibre).
 - o A secure and conducive home working environment.

Location

Hybrid/London

People management

No

Division

Transformation and technology

We're an
**Age-friendly
Employer**



www.ageuk.org.uk

Age UK, 7th Floor, One America Square, 17 Crosswall, London EC3N 2LB.
Registered charity number 1128267. Company number 6825798.

Our values

-  Collaborative
-  Ambitious
-  Impactful
-  Inclusive

Transformation and technology

This role description is not intended to be exhaustive in every respect, but rather to clearly define the fundamental purpose, responsibilities and dimensions for the role.

In addition to the contents of this role description, employees are expected to undertake any and all other reasonable and related tasks allocated by line management.

Age UK acknowledges that some groups are less likely to apply for roles and we welcome applications from anyone who feels they have the skills, time and energy to commit to us.

Cloud Infrastructure Engineer

Location

Hybrid/London

People management

No

Division

Transformation and technology

We're an
**Age-friendly
Employer**



www.ageuk.org.uk

Age UK, 7th Floor, One America Square, 17 Crosswall, London EC3N 2LB.
Registered charity number 1128267. Company number 6825798.

Our values

-  Collaborative
-  Ambitious
-  Impactful
-  Inclusive