

Cloud Engineer

Purpose of the Role:

Digital Gaming Corporation is looking for a Cloud Engineer to join their team. You will be joining a team of Architects, Data Engineers, Developers and Product Managers, aiming to provide operational support, and managing our cloud-based systems and processes.

The ideal candidate is responsible for developing key services that power DGC cloud solutions across all layers of the IaaS/SaaS/PaaS stack. Our primary focus areas are scale, security, performance, and reliability in an Azure cloud hosted environment.

Duties include, but not limited to:

- You will collaborate with architecture, engineering and development teams to evaluate and identify optimal cloud solutions.
- You will collaborate with diverse tech teams to ensure the performance, security, and business requirements are aligned.
- Create a strategy for establishing a secure and well-managed enterprise environment in Azure
- Develop scripts to automate the deployment of resource stacks and associated configurations
- Provision Dev Test Prod Infrastructure as code using Azure
- Implement observability patterns using Azure Monitor Azure Application Insights and Log Analytics Workspace.
- Manage stability and reliability, including dedicated root cause analysis, proactive monitoring, and long-term remediation.
- Developing and maintaining cloud solutions in accordance with best practices
- Adapting to fast-changing business requirements in a dynamic environment as well as be able to translate customer requirements into robust innovative solutions.
- Manage cloud deployments with cloud administration tools and management frameworks with a focus on deploying Infrastructure as Code.
- Working alongside the architects to improve and implement best practices across DGC's cloud solutions.
- Implement and analyse service metrics to drive service quality and improvements, e.g., metrics for monitoring and alerting.
- Continually evaluate service and infrastructure usage to effectively manage resources, capacity, and cost.
- Building CI/CD pipelines using automation tools (Azure DevOps, Gitlab), able to build and manage a pipeline from start to finish.
- Educating teams on the implementation of new cloud-based initiatives and providing associated training as is required.
- Identifying, analysing, and resolving infrastructure vulnerabilities and application deployment issues.
- Regularly reviewing existing systems and making recommendations for improvements.

This job description is not intended to be an exhaustive list of responsibilities. The job holder may be required to complete any other reasonable duties in order to achieve business objectives.

Digital Gaming Corporation South Africa

Address: Suite 401 & 402, Waterview Park, Waterview Close, Century City, Cape Town, SA, 7441
Phone No: +27 (0)21 528-9605 Website: www.digitalgamingcorp.com Email address: info@digitalgamingcorp.com

Essential Criteria:

- At least 3 years of experience in the field of cloud computing.
- Proven ability with virtualization and cloud infrastructure experience.
- A deep understanding of serverless technology and web application hosting.
- Proven understanding of virtual machine technologies, database, networking, and storage systems.
- Experience with distributed, highly scalable, multi-node environments.
- Strong understanding of common network protocols, including HTTP, HTTPS, TCP, SSL/TLS, and relevant diagnostic tools.
- Familiar with at least one API/Unit testing framework.
- Strong sense of responsibility and result oriented.

Desirable Criteria:

- 3+ years of experience with Azure.
- Familiar with the following programming languages: JavaScript, C#.
- Experience with SysOps.
- Implementing Security, Disaster Recovery, High Availability, Auditing, Monitoring and Alerting solutions in Azure.
- Automating tasks in Azure using Powershell/CLI.
- Predicting costs and optimizing spending in Azure.
- Message Queues (Kafka).
- Python / PySpark.

Person Specifications:

- Accountability and Execution
- Resilient
- Self-Starter
- Problem Solving
- Good logical and structural thinking.
- Collaborative Relationships
- Influences effectively
- Time management
- Adaptability / Flexibility
- Attention to detail
- Good sense for quality, teamwork, and innovation.
- Able to work independently or with limited assistance.

How to Apply:

All applications need to be submitted via [Workday](#)

Please ensure you have attached an updated copy of your CV and a motivation letter supporting your application.

- **Note this role is based in Cape Town, South Africa.**