

# Graduate DevOps Engineer

## ISC/Digital Technology

Overview	
<b>Role Purpose</b>	<p>An exciting fixed-term opportunity for a Graduate DevOps Engineer has arisen at Notting Hill Genesis. We have embarked on an exciting digital transformation journey and have adopted the latest Microsoft technical stack (i.e., Azure, Microsoft Power Platform, Microsoft 365, Dynamics 365) to develop an innovative digital platform.</p> <p>You will be passionate about working on cutting edge software projects using the latest technologies. As part of an agile cross-functional team you will work in a collaborative way and play a key role in each phase of the software deployment lifecycle.</p> <p>You will be part of our DevOps team working alongside other DevOps to support the design, development and in some cases own the automated deployment, maintenance and monitoring of our PaaS and SaaS products.</p>
<b>Responsible for</b>	<ul style="list-style-type: none"> <li>• Support the creation, maintenance, and optimisation of infrastructure as code across Azure.</li> <li>• Working alongside a senior DevOps Engineer, implement continuous integration, deployment, and infrastructure / application monitoring through collaboration with key stakeholders.</li> <li>• Implement processes to support the availability of appropriate pre and production environments for team members including Developers and QA Professionals.</li> <li>• Support and improve our monitoring tools to provide early visibility to the business</li> </ul>
<b>Reports to</b>	Senior DevOps Engineer
<b>Line management</b>	N/A
<b>Tier</b>	Tier 9
<b>Expectation Level</b>	Colleague
Role relationships	
<b>Internal</b>	Architects, Development/Scrum Teams, Project Managers, Technical and Business Analysts, Product/Process Owners, and Business Users.
<b>External</b>	Microsoft, external solutions/service providers and partners

## Role accountabilities

- Support and maintain the build of Continuous Integration and Continuous Deployment (CI/CD) solutions in an Azure environment with AzureDevOps and automate the code delivery pipeline with the goal of one click deployments, rollbacks, and parameterised builds.
- Identify areas for continuous improvement, through automation, documentation, process change, or working methods
- Implement continuous integration, deployment and infrastructure / application monitoring through collaboration with key stakeholders.
- Implement processes to support the availability of appropriate pre and production environments for team members including Developers and QA Professionals.
- Support and improve our monitoring tools to provide early visibility to the business of (1) Compliance to performance, availability, incident SLA's; (2) scaling decision making around additional resources; (3) escalation of critical events (from security to performance and capacity management).
- Be a DevOps champion, subscribe to the DevOps mentality and the philosophy of automating everything.
- Collaborate with the Information Security team to review risks as well as implement and maintain appropriate controls
- Troubleshoot application and service issues or system outages while clearly communicating status updates with management and engineering teams.
- Work with cross-functional teams to ensure quality throughout the software development lifecycle
- Draft Requests for Change documentation for submission to the Change Advisory Board (CAB), where any changes to the live environment are required.
- Ensure that any data security, technical or reputational risks are brought to the attention of the Head of Software Engineer or the Lead DevOps Engineer.
- Participate as a member of Digital technology team, contributing to software development discussions, investigating the use of new development tools, and facilitating change

### General

- Ensure you follow the financial regulations, policies and procedures at NHG
- Ensure that you follow relevant Health and Safety policies and related procedures, keeping up to date with changes and taking action to maintain personal health and safety and that of others.

The tasks and responsibilities outlined above are not exhaustive; the post holder may undertake other duties as is reasonably required.

To do the job well, we have outlined the knowledge, experience, and skills you need to do the job.

Personal Specification	
Professional expertise (know how & experience)	
Essential	Desirable
<ul style="list-style-type: none"> <li>• Ability to work in a fast-paced and agile environment, as an excellent verbal and written communicator</li> <li>• Excellent communication skills</li> <li>• Attention to detail</li> <li>• Analytical mind and problem-solving aptitude</li> <li>• Strong organisational skills</li> <li>• Aptitude to learn new technologies</li> <li>• Passionate about technology</li> <li>• Ability to use own initiative</li> <li>• Ability to work collaboratively</li> </ul>	<ul style="list-style-type: none"> <li>• Possess a good working knowledge of Scrum/Agile software delivery models</li> <li>• Demonstrable application of your skills, for example via online portfolio</li> <li>• Good understanding of cloud technologies, preferably Azure</li> </ul>
Skills	
Essential	Desirable
<ul style="list-style-type: none"> <li>• Knowledge of Azure Resources, Azure DevOps, Build and Release Pipelines, ARM Templates/Terraform, PowerShell, .NET</li> <li>• Knowledge with working with API (REST/SOAP)</li> </ul>	<ul style="list-style-type: none"> <li>• Microsoft Power Platform development (e.g., Power Automate, Power Apps etc.)</li> <li>• Front-end technologies development (e.g., JavaScript)</li> <li>• Cloud Computing (e.g., Azure logicApps, Azure Function Apps)</li> <li>• Knowledge with Microsoft SharePoint Online</li> <li>• Dynamics 365</li> <li>• Knowledge of Azure Security Standards</li> </ul>
Qualifications and/or professional membership	
Essential	Desirable
Bachelor's degree in computer science or equivalent experience.	

NHG Expectations
<p>NHG expectations framework outlines what we expect from our staff at the five different expectation levels we have across the organisation.</p> <p>This role is a Colleague expectation level and therefore you should refer to the Colleague expectation profile in addition to this role profile.</p> <p>The full NHG expectations framework is available on our external job site page and intranet, Milo.</p>

You'll be assessed on the knowledge, experience, skills, and expectations criteria at various stages throughout the selection process.