

Senior Lead Dev Ops Engineer

Job Description

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| Reporting To: | Head of Software Delivery |
| Responsibility for Others: | None |
| Location: | Ashurst Building, Horsham |
| Hours of Work | Monday to Friday 9.00am to 5.30pm with 1 hour for lunch |
| Any Special Requirements | Occasional travel may be required in the UK |

Overall Purpose of the Role:

We are proud of the infrastructure and pipeline we use and are looking for an enthusiastic Senior DevOps Engineer to join our team. You will be serving our Agile Release Train and helping push the boundaries of the pipeline even further, so that they can deploy value to our customers quicker!

This role has “Lead responsibilities” which means you will have line management responsibilities for the other DevOps and Senior DevOps engineers in the team.

Key Activities & Responsibilities:

(This is not an exhaustive list of the duties to be performed. Job descriptions do not limit the tasks that an employee may reasonably be requested to perform. Changes in job descriptions may be necessary as the needs of the Organization change over time.)

- Working actively on our Azure estate and networking. This will include:
 - Provisioning environments for teams and supporting the teams and DevOps engineers you manage with troubleshooting any issues experienced
 - Interact with the Azure API via powershell or cli, and assisting the Principal DevOps engineer with designing the future state of the estate
 - Make changes to Azure NSGs, subnets, route tables, peering using correct source control and delivery methods.
 - Create and query network logging for firewall, IIS and WAF logs to provide business value and aid troubleshooting.
 - Create more efficient ways of managing network appliances and removing manual tasks, such as utilising APIs.
 - Work with the wider IT teams and third parties to ensure group or external network changes are managed effectively.
- Work closely on our Octopus Deploy capabilities. This will include:
 - Refactoring variable structures to reduce complexity or increase flexibility.
 - Write and run scripts against the Octopus API
 - Troubleshoot complex deployment issues
 - Write and maintain custom steps in source control under the guidance of the Principal DevOps Engineer

- Puppet Enterprise:
 - Create and modify Puppet modules
 - Implement Puppet facts
 - Troubleshoot complex config management issues
 - Identify issues from within DevOps and other teams, and where those issues can be solved using Puppet.
 - Write puppet tests
 - Write and maintain documentation of the CT puppet infrastructure.
- Team City / Build Scripts
 - Change existing / Add new root projects
 - Add new VCS
 - Able to troubleshoot advanced issues and provide an RCA
 - Management of the TC Servers including updates etc
- Terraform
 - Create and modify the Terraform modules
 - Fix issues when they occur during plan/apply
 - Implement new Terraform functions when they become available to use (loops/conditions etc)
 - Update documentation when required
- Line management:
 - Provide coaching and servant-leadership to the 2-3 DevOps Engineers being managed
 - Have regular 1-1s to support them, and monthly 1-1s to focus on their career and personal development
 - Look after all HR requirements involved with Line Management, such as Performance Reviews

Qualifications & Skills

- 3 years' experience of working with OO coding practices, ideally around .Net code and assess the aspect that effect the build and deployment processes.
- 2 years' experience of designing and implementing configuration management.
- .Net or other OO coding background.
- Experienced in:
 - Azure systems, Networking
 - Networking protocols.
 - Application Revers Proxy
 - System Firewalls
- Skilled in Scripting abilities using PowerShell, Cake or Python
- Understanding of Cloud technologies.
- Good understanding of Git.
- Good understanding of development patterns.
- Good understanding of deployment patterns.
- Good experience using deployment software i.e. Octopus Deploy.
- Good experience using configuration management i.e. Puppet.
- Good experience with build pipelines.
- Understanding of software development.
- Comfortable in troubleshoot user problems in a timely and accurate fashion and provide end user training and assistance where required.
- Good time management and communication skills- both written and oral.
- Flexible and willing to work outside core business hours as required.

Personal Characteristics

The ideal candidate is energetic, with the ability to motivated other, instilling in others a 'can do' attitude, you must possess excellent analytical and problem-solving abilities, and is naturally take on a role in a department with development and advancement opportunities. Due to the unpredictable nature of the IT industry, it is also important for this person to be willing to expand their IT knowledge, and to upgrade their skills set as and when required. The role will involve being the standard bearer technically to a small team in an environment of open information-sharing to assure cross-training and cover within the department.

Note: This description is not intended to cover all the duties of the role. Reasonable additional duties may be assigned or duties may be reassigned at any time and at the discretion of management.