

JOB DESCRIPTION

Job Title: DevOps Engineer

Department: IT Operations

Reporting to: DevOps Manager

The Department:

IT Operations handle infrastructure, application, website support and deployment. Using state of the art high-availability technologies, our aim is to maintain a secure and uninterrupted service with an impeccable uptime record. As a web-facing business, that is our priority and the DevOps team is integral to this.

The DevOps team provides the knowledge and expertise within the IT department maintaining the tools used by the Development teams to support the Software Development Lifecycle and bridging the gap between development and operations.

Purpose of Job:

The DevOps team is responsible for supporting, maintaining and optimising the infrastructure of a technology centric web based company. Maintenance and development of the other internal services and bespoke applications is also required.

The successful candidate will help the development team to build and release their products in an efficient and constantly improving process. This engineer will bridge the gap between development and infrastructure and be a role model on which we will build our future DevOps teams.

Key Responsibilities & Accountabilities:

- Self-starter who is passionate about technology.
- Able to work independently
- Ability to provide leadership and accountability for work they undertake and articulate their thoughts
- Comfortable with fast changing and dynamic environments
- Able to take on ideas and feedback from other technical experts as well as the business
- Takes ownership for their work and has exceptional attention to detail
- Research new technologies to implement within the DevOps environment to improve the process of code deployment to our environments, seek out inefficiencies and match relevant technology solutions to resolve them.
- Follow a source control culture within the configuration of Servers and Applications where environments configurations are stored in code for a fully automated process.
- Form part of 24/7 support roster to support applications after hours, where possibly train the other DevOps team members or the IT Support team to resolve issues and reduce the dependency on yourself or other Tech team's afterhours.
- Take part in daily stand-ups with your assigned Dev teams to both receive work as well as supply updates and provide input with respect to design, monitoring, deployment, resource and security requirements.

- Sit in Development meetings at project inception to ensure standards set by DevOps are maintained, especially with respect to logging and monitoring of application health, compatibility with infrastructure design, security requirements and compliance and best practices.
- Receive Deployment Plans, validate them and carry them out in an efficient manner via deployment tools available.
- Monitor server resources within your portfolio to proactively identify bottlenecks, and advise on remediation steps to improve software design.
- Maintain knowledge of the inner workings of all applications within your relative portfolio, ensuring that all system dependencies are documented.
- Research new technologies for implementation within the DevOps environment to improve the processes of code deployment, seek out inefficiencies and match relevant technology solutions to resolve them.
- 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.

Essential Criteria:

- Strong PowerShell skills
- Knowledge of automation tools such as Chef, Puppet, Ansible, PowerShell DSC, Octopus Deploy, Artifactory
- Able to communicate all needs, instructions and decisions clearly
- Administration of Windows server 2008 R2, 2012 and Server 2016(core)
- Experience in using coding/scripting to automate/reduce time taken to complete manual tasks.
- Proven experience in the Information Technology industry using Microsoft or Linux Technologies.
- A background within Development or QA.

Desirable Criteria:

- Proven experience in planning, with good analytical skills
- Previous experience in 24/7 High Performance Environment.
- Proven hands on experience with Windows Server and its product suite.
- Knowledge of Microsoft SQL Server, T-SQL Programming
- Knowledge of Microsoft Active Directory, LDAP, Network Security and Networking Protocols.
- Knowledge of Web and Application hosting environments (IIS, Windows Services or Tomcat/Apache)
- Knowledge of Microsoft Visual Studio, TFS and Team City, Nuget and Github
- Knowledge of logging technologies such as LogStash, Kibana, ElasticSearch, Splunk
- Knowledge of monitoring tools such as SCOM, OpsManager, IP-Mon, AppDynamics, DataDog

Person Specification:

- Passionate about technology
- Ability to communicate on all levels, technical and non-technical
- Team Oriented
- Takes ownership of their work.

- Patient and calm under pressure
- Attention to detail
- Perseverance and the ability to drive issue resolution and projects through to completion
- Continually strives to improve both their work and their personal knowledge
- Self-motivated and content to work both individually and on team projects.
- Articulate and able to communicate technical detail to both peers and non-technical stakeholders
- Personable with the ability to handle stressful situations
- Technical creativity and the ability to envision future solutions
- Excited by change and able to embrace a rapidly changing business landscape