

Job Description

Job Title: Dev Ops Engineer

About SLC

Student Loans Company is a non-profit making Government-owned organisation set up in 1989 to provide loans and grants to students in universities and colleges in the UK. We are responsible, in partnership with Local Authorities in England and Wales, the Student Awards Agency for Scotland, the Education and Library boards in Northern Ireland, the Higher Education Institutions and HM Revenue & Customs, for student support delivery in the UK.

Company Mission

We enable our customers to invest in their futures by delivering secure, accurate and efficient assessment, payment and repayment services.

Company Vision

Our vision is to be valued as a digital, customer-focused, centre of excellence.

Job Details

Overview of department:

The Software Delivery department is responsible for the application development and maintenance of a number of IT products and services that supports SLC's business. It is the change engine of SLC and we are in the process of reforming our team. This marks the beginning of our journey towards achieving SLC's Vision - to be valued as a digital, customer-focused, centre of excellence. In order to achieve our vision we require a dedicated team of staff.

Grade: Grade 4

Reporting to:

Software Delivery Manager

Budget Responsibility:

N/A

Line Management Responsibility:

N/A

Job Purpose:

You will be part of a team of DevOps Developers, focused on maximising the workflow of all development teams through greater automation and management of the toolset used for the development and deployment processes. You will be involved in areas like Continuous Integration and Continuous Deployment, with expectation to maintain and improve those areas over time.

Key responsibilities:

- To work with third party suppliers and in-house development teams to stand up and evolve a capability and a significant pace of change
- To be accountable for all testing environments used across SLC for core systems, ensuring

- appropriate levels of data usage, security, automated regression testing, tooling
- Build a deep understanding of the departments current way of working, ensuring that new that processes, technology and toolsets are built to support them on the required transformation and understand the dependencies between projects and existing systems
 - Lead the collaborative, dynamic planning process - prioritising the work that needs to be done against the capacity and capability of the team. Identifying and progressing opportunities based on impact and risk
 - To provide leadership, direction and people development in support of effective performance. Build and maintain a culture of continuous delivery and improvement
 - Understand the agile project management methodologies in use and feeding your improvements into the short iteration cycles, gaining
 - Excellent knowledge of modern platforms and tools, using the correct product where appropriate, especially open source and open standards
 - Lead self-driven skill development within the team, promoting learning events and facilitating specific needs.
 - Establish and maintain excellent internal/stakeholder relationships through which a deep understanding of both current and future needs can be clearly identified and plan and supply activities and solutions, as appropriate, to fulfil these needs
 - Contribute to appraisals of staff performance and recruitment of new talent, ensuring they are aware of and capable of delivering their accountabilities

Knowledge, Skills and Experience:

- Knowledge of relational and non-relational database systems and NoSQL database (MongoDB 3.2.9 and OpsManager 2.0.6)
- Experience with OpenAM (12.0)
- Experience with LXC or other container technologies like Docker.
- Experience with Log Aggregation/Indexing (Elasticsearch, Logstash, Kibana)
- Experience with Metrics e.g. Graphite and monitoring tools e.g. Icinga2, Icinga, Sensu
- System administration and configuration management skills
- Experience with Vagrant and Virtualbox
- Experience presenting work at user groups and conferences
- Experience of building and scaling high-traffic websites
- Experience of Test Driven Development or a similar methodology and/or with automated test frameworks
- Experience of handling large data sets and scaling their handling and storage