

Job Description

Job Title: Senior Analyst Programmer

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 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 Core Systems department is responsible for the development and maintenance of a number of IT products and services that supports SLC's business.

Grade:

Grade 3

Reporting to:

Core System Delivery Manager

Budget Responsibility:

None

Line Management Responsibility:

None

Job Purpose:

- To participate and steer the analysis, design and development of ICT Systems.
- Reuse code from across Government / open source platforms
- Being involved in the wider development community, identifying good practices we can adopt and share
- Sharing knowledge of tools and techniques with the wider team, both developers and non-developers
- Taking part in 2nd line support of applications and platforms, including occasional support outside office hours
- Analysis of problems through user research and data to create solutions
- Produce reliable and reusable code
- Work with other SLC areas to develop products and services

Key responsibilities:

- Identify the main issues in complex problems, clarify understanding or stakeholder expectations to seek best option
- Ensure the service offer thoroughly considers customers needs and a broad range of available methods to meet this, including new technology where relevant
- Review, challenge and adjust performance levels to ensure quality outcomes are delivered on time, rewarding success
- Actively build and maintain a network of colleagues and contacts to achieve progress on objectives and shared interests
- Coach and support colleagues to take responsibility for their own development (through giving accountability, varied assignments and on-going feedback)
- Establish and drive intra and inter team discussions to learn from experience and adapt organisational processes and plans

Knowledge, Skills and Experience:

- Experience building server-side web applications and detailed knowledge of best practice for at least one programming language (we use a range of languages including Java, Clojure and Ruby) and/or detailed understanding and experience of front-end web development (HTML/CSS/JavaScript)
- Implementing APIs for internal and external use
- Experience presenting work at user groups and conferences
- Experience of building and scaling high-traffic websites
- Understanding of the use of Responsive Web Design
- Experience of working with JavaScript libraries to produce data visualizations
- Experience of designing and maintaining public HTTP APIs

Or

- Proven track record in software developments using one or more development languages in a structured environment
- Proven track record in RDBMS development
- Proven track record of Unix shell scripting
- Proven track record of Oracle forms
- Working knowledge of ORACLE RDBMS and Toolkit
- System administration and configuration management skills
- Knowledge of relational and non-relational database systems
- Experience of handling large data sets and scaling their handling and storage

And

- Knowledge of the use of version controls such as Version manager, Git or Subversion
- Understanding of agile methodology and experience in working in an agile environment
- Strong communication skills; able to communicate technical concepts to a non-technical audience
- Experience of working on technical projects within a team
- Experience presenting work at user groups and conferences
- Experience of Test Driven Development or a similar methodology and/or with automated test frameworks
- Ability to quickly research and learn new programming tools and techniques