

Job Description

General Details	
Job title:	Senior Solutions Developer (Student Records Transformation Project)
School/Service:	Digital Services
Normal Workbase:	Stoke-on-Trent Campus
Tenure:	Fixed-term 12 months
Hours/FTE:	1.0 FTE
Grade/Salary:	Grade 7
Date Prepared:	April 2019

Job Purpose
<p>Staffordshire University has the ambition of becoming the leading digital university across the UK, transforming the student experience and improving student success in an increasingly digitally-led world.</p> <p>The Digital Services department is responsible for the University's overall use of digital technology in order to achieve the Connected University strategy.</p> <p>The department consists of three core functions as follows:</p> <ul style="list-style-type: none"> • Architecture Management (responsible for identifying and selecting the right digital capabilities for the university) • Digital Transformation (responsible for delivering and implementing the right digital capabilities for the university) • Service Delivery (responsible for managing and maintaining all live, operational technology for the university) <p>The Digital Transformation function is responsible for the implementation/delivery of all new and enhanced Digital Technology solutions in line with university requirements, ensuring that, for all university Programmes, Projects, and initiatives we deliver:</p> <ul style="list-style-type: none"> • Empowering, innovative solutions; • User-centric solutions; • A modern, intuitive experience; <p>This will involve the control and management of both internal and external resources as new solutions can be built and delivered either internally or by a third-party supplier.</p> <p>The Digital Solutions team manages, and has responsibility for the following key areas:</p> <ul style="list-style-type: none"> • Meeting the university's requirements for new / enhanced digital capabilities. • Developing software and hardware solutions across a variety of platforms including web applications and mobile apps. • Ensuring that technology developed internally and externally meets expectations. • Ensuring that new solutions have appropriate and effective low-level designs that adhere to the university's architectural and design principles.

- Ensuring digital solutions are secure by design by working closely with other teams within the Digital Services department.
- Having the ability to use a number of development process techniques such as; Agile and Waterfall.
- Providing effective management of 'development' and 'test' environments.

Reporting to the Lead Architect on the Student Records Transformation Project, the role of the Senior Solutions Developer is to develop, integrate and maintain digital solutions for our exciting new Student Records Transformation Project. The post-holder is responsible for the low-level design and development of software solutions and providing specialist software development expertise in one or more of the following areas – SITS development, web development, mobile app development, software integration and database development. The postholder is also responsible for translating functional requirements into appropriate technical solutions.

Relationships

Reporting to:	Lead Architect (Student Records Transformation Project)
Responsible for:	N/A

Main Activities

Works under general direction within a clear framework of accountability. Exercises substantial personal responsibility and autonomy. Plans own work to meet given objectives and processes.

Work includes a broad range of complex technical or professional activities, in a variety of contexts. Investigates, defines and resolves complex issues.

Selects appropriately from applicable standards, methods, tools and applications. Communicates fluently, orally and in writing, and can present complex information to both technical and non-technical audiences. Plans, schedules and monitors work to meet time and quality targets. Rapidly absorbs new information and applies it effectively. Maintains an awareness of developing technologies and their application and takes responsibility for driving own development.

Assist with the production of low-level designs for digital solutions in line with university requirements;

Develop and maintain digital solutions in one or more of the following domains – SITS development, web development, mobile app development, software integration, database development;

Participate in development scrums;

Provide specialist digital expertise in one or more of the following areas – SITS development, web development, mobile app development, software integration, database development;

Ensure in-house solutions meet or exceed agreed business requirements and user expectations;

Liaise closely with product owners and senior users to ensure customer satisfaction;

Create and maintain solution documentation to the required standards;

Work closely with teams within Service Delivery to transition new services into the 'live' environment, ensuring that they are supportable and reliable;

Maintain an up-to-date knowledge of software development languages/tools/techniques;

Resolve complex problems and issues within the team – liaising with different departments or third-party suppliers where necessary.

Working with database design or database administration colleagues where appropriate, translates object and data models into appropriate DB schemas within design constraints.

The postholder may be required to participate in a rota to provide IT on-call cover to maintain business critical systems during weekdays or weekends. A payment for each evening, weekend and bank holiday sessions will be made.

Variation to Job Description

Staffordshire University reserves the right to vary the duties and responsibilities of its employees within the general conditions of the Scheme of pay and conditions and employment related matters. Thus, it must be appreciated that the duties and responsibilities outlined above may be altered as the changing needs of the service may require.

Conditions of Service

The post is subject to such terms and conditions of employment as negotiated between the Board of Governors of the University and the recognised trade unions, and/or the employees of the University. In negotiating such terms and conditions the Board of Governors will consider any appropriate advice received from the Universities and Colleges Employers Association (UCEA).