JOB DESCRIPTION

Job Title:	Senior Developer (Java systems)	Grade:	SG8
Directorate:	Information & Library Services / Business Solutions	Date of Job Evaluation:	
Role reports to:	Software Development Manager		
Direct Reports	None		
Indirect Reports: Other Key contacts:	Matrix responsibility for other ILS staff as part of leading projects		
This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.			

PURPOSE OF ROLE: The post holder will be part of the team with responsibility for the technical development and maintenance of the University's core business systems, including the student records system, mobile and web based systems, HR, Finance and timetabling systems. They will be involved in all phases of the development of new business systems, maintenance of current systems, changes and system upgrades, using requisite functional and technical expertise in a timely and cost effective manner.

This role will be specifically focused on project and core development work in relation to web based and mobile applications.

KEY ACCOUNTABILITIES:

Team Specific:

- Within the business and/or technical area(s) assigned, working closely with the other Information Systems Teams and Business Analysts, and under the direction of the Software Development Manager, plan, schedule, develop, document and implement new systems, system changes and/or system upgrades through testing into production in a timely and effective manner

- To supervise and direct members of the corporate development team (and potentially staff outside the team) in relation to specific projects

- To lead and ensure the effective delivery of projects involving the corporate development team through the development lifecycle including the direct management of other development staff and other staff via matrix as required

- Ensure the effective management of suppliers including, where appropriate, the delivery of managed services, monitoring of contract levels and building of effective supplier relationships

- To be a point of authority for the relevant areas of systems or technical responsibility

- Proactively liaise with key staff within schools and offices to ensure the systems and services provided by Business Solutions meet the needs of the University community and students

- Participate in the provision of general and application specific information systems advice to end- users

- Be proactive in establishing relationships with Higher Education and supplier groups relevant to the systems supported by Business Solutions

- To contribute to the development of and conform at all times with departmental policies, procedures and standards

- As required, ensure that the Software Development Manager is kept fully informed of developments by means of regular written progress reports, regular meetings and where appropriate by informal means

- To be pro-active in promoting the image of Information & Library Services within the University, the wider higher education community and the national and international user communities associated with technical and functional use of our corporate systems

- From time to time, to participate in specific projects not directly related to the main functions of the post

Generic:
- Liaise with external agencies and organisations, as appropriate, on the University's behalf

- Foster relationships and contact networks amongst peers and suppliers across the sector

- Disseminate knowledge and experience to other team members as required

Managing Self:
- Contribute to the development of office processes

- Proactively lead team, group, service and project meetings as necessary

- Demonstrable ability to successfully work as part of a team but also an ability to work autonomously with initiative where necessary

- Ability to work accurately under pressure

- To motivate the team

- To have a willingness to develop professionally, maintaining a knowledge of techniques and developments within the IT industry

Core Requirements:
- Adhere to and promote the University's policies on Equality and Diversity and Information Security Ensure compliance with Health & Safety regulations

- Support and promote the University's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible

Additional Requirements:
- The post holder will have access to a range of sensitive and key University systems. It is therefore essential that they demonstrate a high level of professional integrity and discretion

- Any other duties as appropriate to the post and grade

- A willingness to travel to any of the University's sites as necessary

- A willingness to work out of hours as necessary

- Attend and participate in user and special interest groups, seminars and conferences as required

KEY PERFORMANCE INDICATORS:
- To produce high quality work delivered to the agreed timescales

- To contribute positively towards and with colleagues be accountable for service level indicators which are defined for the team

- Projects within the team are delivered on time, budget, scope and quality

KEY RELATIONSHIPS (Internal & External):
- University staff

- Partner, Network and Collaborative Centre staff

- University, Partner, Network and Collaborative Centre students

- Colleagues across the sector in related fields

- Software suppliers

PERSON SPECIFICATION	
Essential	**Desirable**

Experience

- Significant working knowledge of the principles of RDBMS and associated systems analysis techniques

- Demonstrable high level experience of complex systems development and maintenance in an enterprise scale business information systems environment

- Extensive, consistent and focused practical experience of Java development including HTML(5), CSS(3), Javascript(Jquery/Bootstrap), Angular, AJAX, JSON, XML, REST and Microservices. Platforms: SOA, Spring DI, Spring MVC, and Tomcat. Tools: Maven, Gradle, Junit, Hibernate ORM and JIRA

- Experience in the use of version control (subversion, git, Serena etc.), formalised QA/testing and revision-based development

- Experience of working as part of a team of programmers within a fully controlled software development lifecycle environment

- Following an agreed development methodology, ability to manage projects from inception through to completion including proactive liaison with user management and the supervision of work from other development team members

Skills

- A strong understanding of systems analysis and design across hardware and software platforms including a good understanding of object oriented design

- Appreciation for web application

Experience

- Experience in systems development within a Higher Education or related environment.

- Groovy/Grails experience.

- Experience working within a multi-disciplinary team as a developer (alongside staff with responsibility for business analysis, testing and project management).

- Experience with SOA using REST, SOAP and JSON via HTTP.

- Delivering training.

Skills

- Proficiency in Unix (preferably recent versions of Solaris).

security techniques and TDD or BDD experience.

• Demonstrable ability to problem solve within a complex multi component environment.

• Well organised, self-motivated with an ability to manage a wide and varied workload.

• Ability to learn new skills quickly.

• Good document/report writing skills.

• Ability to communicate with staff at all levels including delivering papers and presentations at meetings.

Qualifications
• Educated to degree level or equivalent demonstrable experiential learning within a relevant technical, educational management or business discipline.

Qualifications
• Relevant postgraduate or professional qualification

• Membership of a relevant professional body

• Certified accreditation for Java

• Prince 2 and/or ITIL accreditation

• Agile Methodology certification (Scrum)

Personal attributes
• We are looking for people who can help us deliver the values of the University of Greenwich: Excellence, Determination, Inclusivity, Ambition and Creativity

Personal attributes
• N/A