

JOB DESCRIPTION

Job Title:	Full Stack Developer
Department:	Technology Hub
Contract:	Full-time, permanent
Salary Range:	£30,942 - £35,845 p.a.
Salary Grade:	SS5 - 6
Report To:	Head of e-Learning
Job Purpose:	To develop and support data driven business applications for staff and students through the full technology stack, from back-end database through to front-end user interface.
Main Duties & Responsibilities:	<ol style="list-style-type: none"> 1. Develop ASP.NET web applications to support the business needs of the University. 2. Enhance our existing C# framework with particular focus on integration with back / front end systems and third party APIs where necessary. 3. Design robust SQL Server databases to support new and existing applications. 4. Use ORM (Object Relational Mapping) to efficiently construct and deploy data models which integrate with SQL databases. 5. Implement effective user interface design through the use of the following core technologies: HTML5 / CSS3 / Javascript. 6. Maintenance and resolution of issues relating to new and existing applications. 7. Pay strict attention to quality control of all systems released into a production environment. 8. Assist senior members of the team with creating specifications for new projects. 9. Liaise with stakeholders to ensure that a project continues to meet their requirements throughout the development cycle. 10. Ensure documentation of code is completed on a continuous basis.

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	<ol style="list-style-type: none">11. Build positive team dynamics and relationships within the department and around the University.12. To ensure practice is in line with the requirements of the General Data Protection Regulations.13. To commit to upholding the principles of Safeguarding and the PREVENT agenda.14. Any other duties as may be commensurate with the grade and nature of the post. <p>The post-holder must be prepared to accept that, in recognition of the changing nature of IT systems, this job description may change gradually over time.</p>
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PERSON SPECIFICATION

Post:	Full Stack Developer	Weighted criteria
Experience:		
1	Experience of developing a project through the full lifecycle based on a predefined specification.	X
2	Proven record of developing user interfaces using: HTML5 / CSS3 / Javascript.	X
3	Knowledge of front-end development frameworks such as: Bootstrap / jQuery / Knockout (or equivalents).	
4	Development experience using C# to build and manage .NET applications.	X
5	Experience of database design, implementation and management.	
6	Experience of using an ORM such as NHibernate would be beneficial.	
Skills & Abilities:		
7	Strong development skills in both front and back end systems.	
8	Strong user interface design skills.	
9	High attention to detail.	
10	Ability to work effectively both as part of a team and individually.	
11	Ability to manage tasks and priorities.	
12	Excellent communication and customer service skills.	
Education & Qualifications:		
13	A combination of training, certification and/or experience which provides the required knowledge, skills and abilities.	
Training & Professional Development:		
14	Current software training and development.	
Other:		
15	Ability to work with non-technical stakeholders and effectively communicate technical concepts.	
16	A willingness to engage with new technologies as and when they are introduced to the development environment.	
17	An understanding of the principles of Safeguarding and the PREVENT agenda in the context of further and higher education.	
18	Flexible approach to work in line with the needs of the service.	

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