
INTEGRATED SKILLS

Job Description for the Software Developer role

To develop software using the latest tools and systems to meet a wide variety of Integrated Skills internal and client requirements. Our clients work in the key service industries environmental management, postal delivery and the utilities both in the United Kingdom and across Europe, the Middle East and the United States of America.

Location

Melton Mowbray (Leicestershire) with travel required within the UK and potentially overseas.

Primary Responsibilities

- Develop applications and solutions from technical specifications to the required standard
- Participate in solution architecture and design processes
- Produce technical documentation and user documentation
- Liaise with internal and external product stakeholders
- Identify and report issues affecting project delivery
- Provide technical support for developed software

Reports to

Director of Software Development and IT Infrastructure

Staff responsibilities

None

Education and Qualifications

Required	Desirable
Degree level in a computing subject, or equivalent experience. OR 5+ years developing commercial software applications and solutions	Computer Science, Software Development specific subjects.
	Relevant industry qualifications, certificates of training, membership of BCS

Experience and Skills

Required	Desirable
Demonstrable web application development experience	Commercial or publicly published mobile device applications
Collaborative software development	Working effectively in small distributed teams, effective use of version control systems. Understanding of AGILE methodologies and TDD Axosoft, JIRA
Use of version control system for collaborative development	BitBucket, Git, Mercurial, Subversion, or TFS
Strong C# .net Core skills	Familiarity with modern object orientated programming languages and toolsets. .net Standard 2, .net Framework
Familiarity of ORM / Data Abstraction Frameworks including EF Core	Recent experience using Entity Framework, NHibernate
	Familiarity with ADO
ASP.net Core Web Service and MVC	RESTful and SOAP Web Services WCF for implementing Web Services
Development of interfaces between differing technologies	
Azure App Services, Azure SQL	Database programming Microsoft SQL Server Understanding of stored procedures, triggers and transactional code. Database programming with PostgreSQL
	Understanding of HTTP protocol and HTTPS implementation.
Web development HTML5, CSS3, JavaScript, VueJS	Experience with Bootstrap 4, Mapbox, JQuery, OpenLayers, Leaflet, Knockout, AngularJS
	Xamarin Platform for Android/iOS app development, Xamarin.Forms, Cross-platform solution development, IOS, PCL and shared code projects.
Understanding of regionalisation and internationalisation.	
	Familiarity with geographic data and GIS systems. ESRI ArcGIS experience. GeoJSON, PostGIS, MS SQL Spatial Types and WKT.
Application integration with <ul style="list-style-type: none"> - Microsoft Azure - Microsoft Server - SQL Server - IIS 	Cloud based solutions (Azure, AWS, private cloud) Maintaining and supporting <ul style="list-style-type: none"> • Windows servers • Linux (Debian / Ubuntu) servers • MS SQL • PostgreSQL

Competencies

Analytical skills	Problem-solving approach, analytical, eye-for-detail.
Team skills	Can build effective working relationships with colleagues and clients.
Project management	Able to organise multiple projects simultaneously to deadlines.
Communication	Able to listen and interpret client's business requirements. Able to effectively convey complex ideas to non-technical staff and clients.