

---

# INTEGRATED SKILLS

---

## Job Description for the Front End Web Application Developer role

To develop web application 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

Either based at our Melton Mowbray or Leeds office, 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
<b>Degree level in a computing subject, or equivalent experience. OR 5+ years developing commercial software applications and solutions</b>	Computer Science, Software Development specific subjects.
	Relevant industry qualifications, certificates of training, membership of BCS

## Experience and Skills

Required	Desirable
<b>Demonstrable web application development experience</b>	Commercial or publicly published web, desktop and mobile applications
<b>Collaborative software development</b>	Working effectively in small distributed teams, effective use of version control systems. Understanding of AGILE methodologies and TDD Axosoft, JIRA
<b>Use of version control system for collaborative development</b>	BitBucket, Git, Mercurial, Subversion, or TFS
<b>Web Design - HTML5, CSS3, Bootstrap</b>	Bootstrap 4
<b>Web Programming - JavaScript, JQuery</b>	VueJS, Axios, Mapbox, JQuery 3.4, OpenLayers, Leaflet, Knockout, AngularJS
<b>Strong C# .net Core skills</b>	Familiarity with modern object orientated programming languages and toolsets. .net Standard 2, .net Framework
<b>ASP.net Core Web Service and MVC</b>	RESTful and SOAP Web Services WCF for implementing Web Services
<b>Familiarity of ORM / Data Abstraction Frameworks including Entity Framework</b>	Recent experience using Entity Framework Core, NHibernate
	Understanding of localisation, regionalisation issues and techniques.
	In depth understanding of HTTP protocol and HTTPS implementation.
	Database programming Microsoft SQL Server Understanding of stored procedures, triggers and transactional code. Database programming with PostgreSQL
	Xamarin Platform for Android/iOS app development, Xamarin.Forms, Cross-platform solution development, IOS, PCL and shared code projects.
	Familiarity with geographic data and GIS systems. ESRI ArcGIS experience. GeoJSON, PostGIS, MS SQL Spatial Types and WKT.
	Application development for Cloud based solutions (Azure, AWS, private cloud) Maintaining and supporting <ul style="list-style-type: none"> <li>• Windows servers</li> <li>• Linux (Debian / Ubuntu) servers</li> <li>• MS SQL</li> <li>• PostgreSQL</li> </ul>

## 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.