
INTEGRATED SKILLS LIMITED

Job Description for the Xamarin Forms App Developer role

Working in an existing development team within established working practices and procedures, developing new and existing software products.

To use the latest tools, technologies, 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, Europe, the Middle East, and the United States of America.

Primary Responsibilities

- Develop new functionality, applications and solutions from technical specifications
- Resolving defects and maintenance of existing code
- Identify and report issues affecting project delivery
- Contribute to solution architecture and design processes
- Liaise with internal product stakeholders
- Produce technical documentation
- Provide internal technical support for developed software
- Participate in internal meetings as required

Reports to

Director of Software Development

Staff responsibilities

None

Hours of work

Flexible with core hours of 10:00 to 16:30 Monday to Friday UK time with a total working week of 37.5 hours.

Education and Qualifications

Required

- University degree level in a computing subject or equivalent demonstratable experience
- 3+ years developing commercial software applications, mobile apps and solutions

Desirable

- 5+ years developing large commercial enterprise software applications and solutions
- English Language qualification
- Relevant industry qualifications in the software development subject (Microsoft Certification, Xamarin Academy)

Experience and Skills

Required

- Good verbal and written English
- Ability to provide a minimum of two recent written references from former employers
- Commercially or publicly published mobile applications
- Demonstrable application development experience
- Strong C# and .NET skills including LINQ
- Xamarin Forms and Xamarin for mobile application development
- Android / iOS app development
- Integrating with existing and creating new web services
- Experience in implementing localisation and regionalisation in applications
- Familiarity of ORM / Data Abstraction Frameworks
- Visual Studio 2019
- Use of version control system for collaborative development - GIT
- Working with JSON data
- Broad understanding of software development life cycles and methods
- Collaborative software development
- Experience with XUnit, NUnit, and Xamarin.UITest

Desirable

- Experience working for a UK company in a software development capacity
- Commercial or publicly published desktop and mobile applications
- Experience working within a small, distributed team of developers
- Understanding of AGILE methodologies and TDD, Axosoft, JIRA
- Cross-platform solution development
- Demonstrable web application development experience
- Experience in developing solutions utilising public cloud services e.g. Azure, AWS
- Markdown
- BitBucket
- .NET Standard 2, .NET Framework
- RESTful and SOAP Web Services
- WCF for implementing Web Services
- Experience using Entity Framework or NHibernate
- Understanding of HTTP protocol and implementation
- Database programming with SQLite, PostgreSQL, Microsoft SQL Server / Azure SQL, Spatialite
- Azure Services - Azure AppService, Azure SQL, Azure Storage, Azure AD, Azure B2C
- Experience with GIS systems. Mapbox, ESRI ArcGIS, OpenLayers, Leaflet
- Familiarity with geographic data GeoJSON, PostGIS, MS SQL Spatial Types and WKT
- Experience with unit test frameworks

Competencies

Coding	Committed to software craftsmanship and clean code Ability to follow established organisational coding guidelines
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Analytical skills	Problem-solving approach, analytical, eye-for-detail
Communication	Effective communicator, on phone, in writing and in person Able to effectively convey complex ideas to colleagues
Team skills	Can integrate into an established development team Build effective working relationships with colleagues Enthusiastic at sharing knowledge and experience with peers
Learning	Able to acquire new skills Personal interest in keeping up to date with the latest trends and techniques
Project skills	Organised and methodical Able to work within timescales Ability to identify and clearly communicate issues effecting project delivery and risk
Personal skills	Work with high levels of self-motivation, ambition, transparency, and integrity