

## FULL STACK DEVELOPER JOB DESCRIPTION & PERSON SPECIFICATION

**NAME:****COMPANY:** BI WORLDWIDE**DEPARTMENT:** Technology Solutions Group**REPORTS TO:****KEY PURPOSE OF THE ROLE:**

The Full Stack Developer role requires the knowledge and experience to design and build innovative dynamic applications which focus on user engagement. Creativity and speed of delivery are essential as developers will be working in a fast paced and constantly changing environment.

We develop bespoke engineered solutions for our clients that focus on engagement and recognition through their sales channels. Focus on user experience and the integration of behavioral economics principals into our programs ensures a truly unique software platform is delivered to all our users.

**Summary of technology:**

- Visual Studio
- .Net MVC
- CQRS & Microservices Architecture
- Team Foundation Server
- Octopus Deploy
- Team City
- Entity Framework
- Bootstrap
- Angular

**Principal Responsibilities:****Development:**

- Coding complex business solutions
- Unit and System testing of code
- Adhere to project timelines
- Interpret business requirements and map to a technical solution
- Follow agreed coding standards and best practices
- Follow recognised web standards for security and resilience.
- Provide documentation at all stages of the project delivery to support the build of the solution

**Planning and analysis:**

- Provide realistic estimates for programming hours for projects and/or tasks, based on information provided by account team.
- Actively and positively contribute in meetings that help set the technical direction of the TSG department, i.e. standards, processes, strategic initiative, reusability of code
- Support the Business Analyst with appropriate information to identify and document technical aspects of the solution
- Provide appropriate technical support to internal customers
- Maintain a satisfactory level of team cohesiveness and be a team player

**Principal Working Relationships (internal & external)**

**Customers:**

- The developer will work closely with the Development Manager, Senior Developers and Project Managers. They will be responsible for regular contact with members of the Client Services Team for clarification of requirements and updates.

**Suppliers:**

- The job holder will maintain a good knowledge of new and emerging technologies within the industry and make suggestions on suitable products to match current needs or which will provide the business with an edge over their competitors.

**PERSONAL SPECIFICATION:**

**Essential Experience & Skills:**

**Experience:**

- Experience of developing interactive, data driven web sites using appropriate software.
- Knowledge of developing mobile applications and/or interfaces to social media tools.
- Proven ability to solve complex programming problems using multiple tools.
- Good level of understanding of:
  - Web services
  - Multi-tier client server development
  - Developing presentation layers using latest technologies
  - Responsive web applications that interface with transactional databases
  - Classes and component design
  - Developing data driven solutions
  - Development of stored procedures using T-SQL
  - Working with SQL Server data using SQL Server Management Studio
  - Understanding of database design principals
  - Developing scalable enterprise level solutions

**Skills:**

- Visual Studio 2017+
- Team Foundation Server 2015 +
- .Net MVC 4+
- SOLID Principals
- Entity Framework
- TSQL
- IOC Frameworks (such as Castle Windsor)
- Dev ops such as Octopus deploy and Team city
  
- HTML, CSS, Javascript, JQuery
- Bootstrap
- Angular
- reSharper
  
- Resourceful at problem solving and debugging
- Good analytical ability to interpret business needs and translate into a technical solution
- Must be able to demonstrate a solid understanding and proficiency in the range of tools and have the ability to maximise their use.
- Sound general understanding of web and mobile technology.
- 'Team Player' demonstrating organisational commitment and supporting the divisions technical direction
- Communicate well with all levels across the organisation. Ability to communicate with delivery team members or internal or external clients
- Being pro-active at learning new technologies or new features of current technology