

## SOFTWARE DEVELOPER

### 1 Organization Details

Job Title	Software Developer
Department	Engineering
Location(s)	Wales

### 2 Job Description

A Tribold Product Developer is responsible for the design and implementation of Tribold product functionality as specified by Product Management. Developers must participate in all aspects of the Tribold product development life cycle. Tribold Developers are expected to be good team players and to deliver code on specification, quality and according to agreed timelines.

Product developers are required to work in an agile manner with Product Management to produce documentation appropriate to technical developer and non-technical business audiences.

Tribold developers are expected to write quality, well engineered, unit tested, maintainable and readable code. Software design patterns should be used where applicable. Code must be engineered according to Tribold development and architectural standards.

#### 2.1 Responsibilities

Responsibilities / Tasks	<p>Developers are responsible for testability, quality, stability and maintainability of the Tribold software codebase. Product developer responsibilities:</p> <ul style="list-style-type: none"> <li>• Engage with product management and generate documentation as specified by the Tribold development process.</li> <li>• Engage with Product management to understand functional and business requirements</li> <li>• Engineer quality, maintainable and testable code.</li> <li>• Implement unit tests.</li> <li>• Ensure all assigned deliverables are completed on specification, quality and according to agreed timelines.</li> <li>• Participate in product and architecture development and design.</li> <li>• Engage with program / project manager to produce project timelines</li> <li>• Provide feedback and status of development</li> <li>• Participate in code reviews</li> <li>• Support peers to achieve project deliverables.</li> <li>• Maintain skill set and stay up to date on emerging technologies.</li> <li>• Follow Tribold development and architectural and UI</li> </ul>
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	<p>standards.</p> <ul style="list-style-type: none"> <li>• Inform program / project manager of progress and surface project related issues impacting specification, quality or schedule.</li> <li>• Engage with program / project manager through development cycle to mitigate risks to quality and / or project schedule.</li> <li>• Participate with other engineering disciplines to ensure successful project delivery.</li> </ul>
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## 2.2 Candidate Performance Criteria and Prerequisites

Qualifications	<ul style="list-style-type: none"> <li>• Honours degree in computing or a related subject or commensurate industry experience.</li> </ul>
Previous Experience	<ul style="list-style-type: none"> <li>• 5+ Years professional experience in IT industry</li> <li>• 5+ years .NET development experience</li> </ul>
Skills / Abilities	<ul style="list-style-type: none"> <li>• Strong understanding of object oriented design concepts.</li> <li>• Exceptional competency in all aspects of the c# programming language and related technologies: XML, SQL, Winforms,, WCF, WWF etc.</li> <li>• A sponsor of Test Driven Development practices.</li> <li>• A strong competency in developing automated unit tests using tools such as NUnit and TypeMock.</li> <li>• Strong understanding of object oriented design concepts.</li> <li>• A detailed and broad knowledge of, and application of, software design patterns</li> <li>• Excellent communication and presentation skills: verbal and written.</li> <li>• Able to function as a mentor and a technical lead at both a feature and a product level – providing both technical and architectural design leadership.</li> <li>• Able to engage with program / project manager and to supply deliverable estimates and assess complexity and risk – with a cross project perspective.</li> <li>• Tribold architecture visionary.</li> <li>• Able to assess new technologies and provide architectural vision and steer.</li> <li>• Works to ensure and set architectural standards.</li> <li>• Has an Architectural overview – able to assess feature design / architecture and impact on Tribold product</li> </ul>



	<p>architecture as a whole.</p> <ul style="list-style-type: none"> <li>• Able to assess cross project impact of design and technology decisions.</li> <li>• Competent in all aspect of the Tribold product(s) software architecture.</li> <li>• Has a good working and detailed knowledge of the Tribold technology / software architecture -able to function as an architectural design resource and support feature design leads.</li> <li>• Participates in development and evolution of development process and coding standards.</li> <li>• Able to engage with Product Management and provide product roadmap input and steer.</li> </ul>
<p>Additional Requirements</p>	<ul style="list-style-type: none"> <li>• There may be the requirement to travel to customer or partners to support the rest of the business.</li> <li>• Due to the nature of the role you may be required to be Work flexible hours</li> </ul>