Position Description

Software and Integration Developer

Role – Purpose and Scope

The role is an Integration Software Developer role within the Software team in Medtech NZ Limited. Our offices are located in Auckland’s Viaduct Harbour. The role reports the CEO or to a Manager as delegated by the CEO, based in Auckland.

The purpose of the role is to program and write software, carry out technical tasks as per Medtech’s software development lifecycle, set up functions, provide business and system analysis, and evaluate results to choose the best solution and resolve software problems for the Medtech suite of products.

Salary Range

This position is full time (nominally 40 hours per week) and the salary offered will be commensurate with experience.

Key Result Areas

Key Result Areas or KRAs are the main functional tasks of the role on which your performance will be measured or assessed every six months.

<table>
<thead>
<tr>
<th>Sr No</th>
<th>Key Responsibilities</th>
<th>Outcome</th>
<th>Performance Measure</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Compile and write documentation of program development and subsequent revisions in .NET, &amp; inserting comments in the coded instructions so others can understand the program</td>
<td>Organized processed followed for developing and revising software’s.</td>
<td>Feedback from Manager/CEO</td>
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<td>2</td>
<td>Prepare detailed workflow charts and diagrams that describe input, output, and logical operation, and convert them into a series of instructions coded in a computer language</td>
<td>Proper documentation of process workflows and easy to understand representations of coding instructions.</td>
<td>Documentation review by Manager/CEO</td>
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<td>3</td>
<td>Write, update, and maintain software programs or packages to handle specific jobs such as storing or retrieving data, or integration with other non-Medtech applications</td>
<td>Ensure a seamless Integration internal and external software’s.</td>
<td>Feedback from end user</td>
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<td>4</td>
<td>Correct software errors by making appropriate changes</td>
<td>Ensure a bug free software and attend to software fixes</td>
<td>Feedback from customer</td>
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<td>and rechecking the program to ensure that the desired results are produced</td>
<td>on priority</td>
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<td>5</td>
<td>Write, analyze, review, and rewrite programs, using workflow chart and diagram, and applying knowledge of computer capabilities, subject matter, and symbolic logic</td>
<td>Thorough documentation of programs and workflows maintained and reviewed periodically.</td>
<td>Feedback from Manager/CEO</td>
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<td>6</td>
<td>Consult with managerial, engineering, and technical personnel to clarify program intent, identify problems, and suggest changes</td>
<td>Work with different teams to understand issues and resolve at the earliest</td>
<td>Feedback from Manager/CEO</td>
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<td>7</td>
<td>Perform revision, repair, or expansion of existing programs to increase operating efficiency or adapt to new requirements</td>
<td>Thorough understanding of the software framework to enhance operational efficiency</td>
<td>Feedback from Operations Team</td>
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<td>8</td>
<td>Keeping up-to-date technically and apply new knowledge to software programming</td>
<td>Self-learning and passing of all internal assessments as may be required from time to time</td>
<td>Test scores and initiatives taken for self-learning</td>
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<td>9</td>
<td>Ensure all current and new Medtech coding standards and the Software Delivery Lifecycle processes are followed</td>
<td>Adherence of Medtech coding standards.</td>
<td>Feedback from Manager/CEO</td>
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<td>10</td>
<td>Understand and demonstrate competence of database/application integration</td>
<td>Seamless integration of all internal and external applications or database as required</td>
<td>Feedback from Manager/CEO</td>
</tr>
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</table>

**Projects or other duties**

**Objective** – To carry out other duties which may reasonably be required by the Chief Executive Officer or the delegated manager from time to time in the course of Medtech’s business and which fit the role’s purpose as stated and for which the position holder is qualified or has received adequate training or instruction.

**Person Specification**

Part of what makes Medtech as successful as it is, are the highly motivated people who work here. An inspiration to your colleagues, you are a motivated software developer with a proven record of success. With a committed motivation to getting things done, you always place Medtech’s customers at the centre of everything you do. Demonstrable experience within a similar role or project management experience of 5 years in a software development/programming environment would be well regarded.
Technical or Professional Knowledge and Experience

A minimum of 3 years of experience in .Net application development, with a tertiary qualification in computer science or information technology. A solid understanding of Object Oriented Programming and Design patterns. Knowledge of Database (SQL Server) and system analysis, quality and software engineering metrics.

Knowledge of programming principles involved software production methods, managing software products including analyzing information and using logic to address software related issues and problems.

Required Skills:
- Seasoned Object oriented development practitioner
- Delphi
- C# Winforms
- C# Web-oriented
- Web application frameworks
- Javascript, CSS, JQuery
- Database generalist
- XML
- Node.js

Good to have:
- TDD experience
- Agile experience
- Integration experience
- Healthcare experience
- Workflow solutions experience
## Skills and Abilities

These are the abilities, attributes and personal characteristics that the staff member will need to consistently display in order to achieve their Key Result Areas (KRAs) [that is, to do the job effectively]. These behaviours describe how someone does the job, whilst KRAs describe what is to be done.

**Complex Problem Solving** — Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

**Technology Design** — Generating or adapting software and technology to serve user needs.

**Systems Analysis** — Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.

**Operations Analysis** — Analyzing needs and product requirements to create a design.

**Critical Thinking** — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

**Troubleshooting** — Determining causes of operating errors and deciding what to do about it.

**Active Learning** — Understanding the implications of new information for both current and future problem-solving and decision-making.

**Programming** — Writing computer programs for various purposes.

**Service Orientation** — Actively looking for ways to help people.