

Position description

Position title: Senior Dotnet Developer

Date of last revision: March 2017

1 Purpose

Reporting to the Business Systems Analyst, the Senior Dotnet Developer is responsible for the development of enterprise systems in an agile environment and maintaining end-to-end solutions based on business functional requirements. The Senior Dotnet Developer also delivers technical solutions to IT functions and other business processes using the best design and development practices.

2 Essential duties and responsibilities

Essential duties and responsibilities include the following, other duties may apply;

- 2.1 Provide support and the development of new and existing applications ensuing recommendations across the technology stack are made to yield a more cost-effective product;
 - a) support existing web applications using C#, the.NET framework, and modern object oriented programming techniques and verify that it is complying with the GP Synergy QA procedure
 - b) assume technical responsibility for all stages of the software development process to ensure compliance with application development standards and achievement of documented requirements
 - c) develop reusable code and components and create technical specifications and perform code review
 - d) liaise with technical consultants, internal business systems team and external vendors to create software solutions for mission critical systems using Microsoft technologies
 - e) ensure interfaces for web applications are designed and developed according to expectations and features priorities throughout development life cycle using latest front end technologies.

- 2.2 Work with the Business Systems Analyst to plan and develop state-of-the art software solutions for future enterprise systems;
- a) interpret of standards and procedures and provide assistance in resolving technical gaps and issues
 - b) participates in project planning processes, design and development of the software architecture and database(s) associated with the enterprise applications
 - c) develops proof of concept to demonstrate possibility of migrating to the latest MVC or similar software architecture
 - d) contribute in creating automation framework for unit and functional testing
 - e) undertake any other software development duties as determined by the Business Systems Analyst and the Chief Information Officer.



3 Task specification

TASK NAME	% TOTAL WORK
Provide support and the development of new and existing applications ensuing recommendations across the technology stack are made to yield a more cost-effective product	65%
Work with the Business Systems Analyst to plan and develop state-of-the art software solutions for future enterprise systems	35%
TOTAL	100%



4 Distinguishing factors and competencies

4.1 Skills and other attributes

AREA	DESCRIPTION	COMPETENCY LEVEL REQUIRED
SKILLS		
Computing & Testing	High level office computing & testing skills:	
	• Team Foundation Service or similar versioning tools	Very high
	• Strong understanding of MVC, ASP.NET, C#, Web Api	Very high
	• Strong understanding JavaScript and Angular	Very high
	• Microsoft SQL Server, Entity framework	Very high
	• Strong understanding of HTML5, CSS and CSS frameworks (Sass, LESS)	Very high
	• Scrum methodology	Medium
Communication	Written and verbal communication skills	Very high
	Interpersonal skills	Very high
Customer service	External customer service skills	Medium
	Internal customer service skills	Very high
Coordination	Time management - ability to handle multiple tasks simultaneously	High
	Organisational and planning skills and the ability to plan and prioritise work to meet deadlines	High
	Demonstrates attention to detail, accuracy and thoroughness in work produced	Very high
	Problem solving skills	Very high
	Document and electronic filing systems	Medium
Analytical	Synthesises complex or diverse information	Very high
ATTITUDE AND RECOMMENDED CHARACTERISTICS		
Attitude and recommended characteristics	Propensity towards internal and external customer service	Very high
	Propensity towards being organised	Very high
	Works well in a team environment	Very high

Propensity towards multidisciplinary task role and is flexible	High
Keeps focussed and organised under 'reasonable' pressure	High
Reacts well under 'reasonable' pressure	High
Maintains professionalism and a positive and courteous manner	Very high
Demonstrates sound work ethic	Very high
Is reliable and dependable	Very high
Undertakes and participates in self-development activities	High
Exhibits an affirmative approach to the requirements of the role and organisational activity	High
Takes pride in presentation, quality and efficiency of work	Medium

COMPLEXITY

Complexity	Requires a high degree of customer service and organisational skills	Very high
	Performs a variety of tasks in a multidisciplinary environment	High
	Requires high level degree of judgment to perform a variety of job tasks that involve reference to multiple sets of standards and policies and confidentiality requirements	Very high
	Ability to cope with competing priorities and resources	High

SUPERVISION

Supervision	Requires the ability to be self-directed and work in a team setting	Very high
	Can work unsupervised	Very high

SAFETY

Safety	Observes safety and security procedures	Very high
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4.2 Knowledge

The role requires the knowledge of analysing, defining, and executing the technical solutions provisioned by the Business Solution team, familiarity with software design and development methods. This role also requires the knowledge of the program to support and direct trainees and supervisors in their respective roles.

4.3 Working conditions

- performing multidisciplinary job functions in a relatively stable work environment.
- occasional disagreeable elements such as managing the co-ordination of competing tasks and priorities
- occasional travel.

4.4 Physical demands

Requires medium work demands of an office environment.

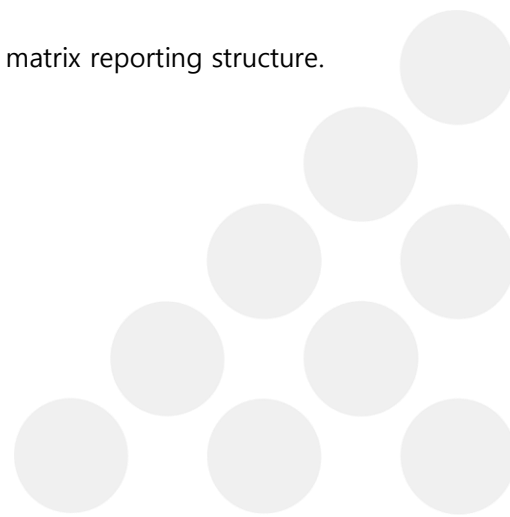
4.5 Communicates with

- Management
- Medical educators
- Senior staff
- General staff
- Registrars, supervisors and practice staff
- External and internal clients and suppliers including external users of the premises
- Other industry stakeholders

4.6 Scope of authority

- Reports directly to the Business Systems Analyst under the matrix reporting structure.

5 Qualifications



5.1 Education

- Relevant tertiary qualifications or extensive experience in information technology.

5.2 Experience

- Testing and quality assurance – Experience in using various software design and development methodologies and tools using .NET technology.
- Agile Environment - A good understanding and experience working in an Agile delivery environment specifically using Scrum methodology.

5.3 Other qualifications/licences

- Unrestricted motor vehicle licence (essential)

6 Document Information

6.1 Source Documents and Cross References

GP Synergy Policies, Procedures and Employment Contract

6.2 Revision history

The following table shows the changes that have been made to this document.

REVIEWER	DATE	COMMENTS
HM	March 2017	Developed

