

Position description



Position title: Senior Dotnet Developer
Date of last revision: September 2017

1 Purpose

Reporting to the Business Systems Manager, the Senior Dotnet Developer supports GP Synergy's training and education program by providing development support for the information systems at GP Synergy.

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, but not limited to, the following:

- 2.1 Support and development of new and existing applications, as well as provide recommendations across the technology stack that yields a more cost-effective product;
- a) improve the existing web applications using C#, .NET framework, and modern object-oriented programming techniques to comply with the GP Synergy QA standard and guidelines
 - b) take technical responsibility for all stages of the future software development activities to ensure compliance with application development standards and achievement of documented requirements
 - c) perform code review to verify compliance with good practice coding
 - d) liaise with technical consultants, internal business systems team and external vendors to create software solutions for mission critical systems
 - f) work with the Business Systems Manager to evaluate current performance and identify areas of improvement in all software architecture layers.
- 2.2 Work with the Business Systems Manager to plan and develop state-of-the-art software solutions for future enterprise systems;
- a) interpretation of standards and procedures, and assistance in resolving technical gaps and issues
 - b) participate in project planning processes, design and development of the software architecture and database(s) associated with the enterprise applications
 - c) develop proof of concept to demonstrate possibility of migrating to the three-tier software architecture
 - d) contribute to developing standards for Test Driven Development
 - e) undertake any other software development duties as determined by the Business Systems Manager and the Chief Information Officer.





3 Task specification

TASK NAME	% TOTAL WORK
Support and development of new and existing applications, as well as provide recommendations across the technology stack that yields a more cost-effective product.	70%
Work with the Business Systems Manager to plan and develop state-of-the-art software solutions for future enterprise systems.	30%
TOTAL	100%



4 Distinguishing factors and competencies

4.1 Skills and other attributes

AREA	DESCRIPTION	COMPETENCY LEVEL REQUIRED
SKILLS		
Computing & Testing	High level software development skills:	
	• Team Foundation Service or similar versioning tools	Very high
	• Strong understanding of three-tier architecture and .NET framework.	Very high
	• Strong knowledge of ASP.NET, C#, Web services and JavaScript frameworks.	Very high
	• Strong understanding of Microsoft SQL Server, Entity framework	Very high
	• Strong understanding of HTML5, CSS frameworks (Sass, LESS)	Very high
	• Word processing	Very high
	• MS Outlook	Very high
	• MS PowerPoint	High
	• MS Excel	High
• MS Project	Medium	
• Scrum methodology	Medium	
Communication	Written and verbal communication skills	Medium
	Interpersonal skills	High
Customer service	External customer service skills	Medium
	Internal customer service skills	High
Coordination	Time management - ability to handle multiple tasks simultaneously	High
	Organisational and planning skills and the ability to plan and prioritise works to meet deadlines	High
	Demonstrate attention to details, accuracy and thoroughness in work produced	Very high
	Problem solving skills	Very high
	Document and electronic filing systems	Medium
Analytical	Synthesise 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
	Work well in a team environment	Very high
	Propensity towards multidisciplinary task role and is flexible	High
	Keep focussed and organised under 'reasonable' pressure	High
	React well under 'reasonable' pressure	High
	Maintain professionalism and a positive and courteous manner	Very high
	Demonstrate sound work ethic	Very high

reliable and dependable	Very high
Undertake and participate in self-development activities	High
Exhibit 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	Require a high degree of organisational skills	High
	Perform a variety of tasks in a multidisciplinary environment	High
	Require 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	Require the ability to be self-directed and work in a team setting	High
	Can work unsupervised	High

SAFETY AND SECURITY

Safety and Security	Observes safety and security procedures	Very high
	Observes the requirements under the Information Security Management System Charter and specific responsibilities	High
	Determines appropriate action when responding to safety and security matters	High



4.2 Knowledge

The role requires the knowledge of analysing, defining, and executing the technical solutions provisioned by the Business Systems team, familiarity with software design and development methods using .NET technologies. This role also requires some knowledge of the program.

Knowledge of Australian General Practice Training, RACGP Vocational Training Standards, ACRRM Training Standards for Supervisors and Training Posts, and GP Synergy, the Department of Health and AGPT policy and procedures (will be provided as part of orientation and induction to the role).

4.3 Working conditions

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

4.4 Physical demands

Requires medium work demands of an office environment.

4.5 Communicate with

- IMIT staff, line managers and CIO
- Senior staff
- General staff
- External and internal clients and suppliers and other industry stakeholders

4.6 Scope of authority

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

5 Qualifications

5.1 Education

- Tertiary IT qualifications or extensive experience in software engineering.

5.2 Experience

- Experience in using various software design and development methodologies, and tools using .NET technology.
- Experience in and a good understanding of 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
ADMIN	July 2017	Update to Safety and Security
HM & MKL	September 2017	Revised

