BTS SYSTEMS DEVELOPER

Reference No.	G130.01	Type	Generic
Service	Business Technology Solutions		
Job Family	Para Professional 4	Grade	FC6

Purpose

The design, creation, testing and documenting of new and amended software components in accordance with agreed development and security standards and processes.

Assisting in the specification and design of information systems to meet defined business needs.

The design or selection of components.

Task or Responsibility - For this role, there is an expectation that all, or a combination, of the following will be undertaken:	Person Specification: Skills, Knowledge, Qualifications or Experience - Criteria can apply to more than one task or responsibility	E	D
Developing and maintaining applications written in a number of different languages and deployed on a variety of platforms. Identifying and resolving problems with applications. Testing and documenting solutions. Assisting more senior staff with analysis and design work as directed.	Educated to SCQF level 8 which includes HND or SVQ level 4 or equivalent in a relevant IT qualification	✓	
	Experience of working in the ICT industry	✓	
Designing, coding, testing, correcting, and documenting moderately complex programs and scripts from agreed specifications using agreed standards and tools. Collaborating in reviews of specifications, with others as appropriate.	Knowledge of one or more development language	✓	

E = Essential Criteria   D = Desirable Criteria

Task or Responsibility - For this role, there is an expectation that all, or a combination, of the following will be undertaken:	Person Specification: Skills, Knowledge, Qualifications or Experience - Criteria can apply to more than one task or responsibility	E	D
Configuring software and testing platform-specific versions of one or more software products. Reporting the outcome of testing and identifying potential improvements to the process and to the software products according to agreed designs and standards.	Experience of developing test plans, carrying out testing and analysing results (Work together - See 'How We Work Matters' Framework)	✓	
Developing specialist knowledge of database concepts, object and data modelling techniques and design principles. Translating object and data models into appropriate database schemas within design constraints. Producing database components as required.	Knowledge of database technologies (Embrace technology and information)	✓	
Applying data analysis and data modelling techniques establishing, modifying or maintaining a data structure and its associated components (entity descriptions, relationship descriptions, attribute definitions).	Awareness of data modelling techniques		✓
Specifying user/system interfaces, and translating logical designs into physical designs. Producing detailed designs and documents all work.	Ability to translate logical designs into physical solutions (Take ownership)	✓	
Defining and building integrations. Testing and recording the details of any failures. Carrying out and reporting fault diagnosis relating to moderately complex problems.	Knowledge of integration techniques	✓	
	Ability to interpret testing outcomes	✓	
Producing test scripts to test new and amended software or services. Interpreting, executing and documenting complex test scripts using agreed methods and standards. Reviewing test results and modifying tests, if necessary.	Experience in the production of clear and detailed documentation for customers and colleagues (Focus on customers)	✓	

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Task or Responsibility - For this role, there is an expectation that all, or a combination, of the following will be undertaken:	Person Specification: Skills, Knowledge, Qualifications or Experience - Criteria can apply to more than one task or responsibility	E	D
Evaluating prototypes to obtain user feedback on requirements of developing systems. Check systems for adherence to applicable style guides, guidelines, standards and legislation.	Understanding of applicable guidelines, standards and legislation as it relates to systems development	✓	
Prioritising and diagnosing incidents according to agreed procedures. Investigating causes of incidents and seeks resolution. Escalating unresolved incidents. Facilitating recovery, following resolution of incidents. Documenting and closing resolved incidents according to agreed procedures.	Proficient in monitoring systems	✓	
Assisting the manager in ensuring high standards of service delivery by working to agreed quality standards and providing input and advice in the development of emerging standards.	Quality assurance knowledge		✓
	Ability to make decisions under pressure	✓	
Learning and adapting to complex software environments, completing tasks on time and to agreed quality standards.	Ability to provide a regular and effective service	✓	
Maintaining and developing knowledge and competence within the IT environment.	Understanding of an IT environment including the necessary infrastructure components required	✓	
	Understanding of effective medium and long term strategies to deliver organisational goals (Deliver results)	✓	
Managing own workload to ensure completion of projects, work packages and business as usual activities.	Time management	✓	
	Knowledge of the strategic goals of IT		✓
	Organisational skills	✓	
Undertaking all other duties as required for the role. Duties will be in line with the grade.			

E = Essential Criteria   D = Desirable Criteria

Additional tasks or responsibilities – this is a generic role, however this particular job may also require you to undertake the following:			
Task or Responsibility - For this role, there is an expectation that all, or a combination, of the following will be undertaken:	**Person Specification: Skills, Knowledge, Qualifications or Experience -** Criteria can apply to more than one task or responsibility	**E**	**D**

Type of Protection of Vulnerable Groups Scheme (PVG Scheme) or Disclosure Check required

Type of Protection of Vulnerable Groups (PVG) or other Disclosure check (choose only one).	PVG Children ☐	PVG Protected Adults ☐	PVG Both ☐	None ☐
	Basic Disclosure ☒	Standard Disclosure ☐	Enhanced Disclosure ☐	

Additional Information – the following information is available:

- Skills Framework (if applicable)

- **How** we work matters

Expected Behaviours – It is essential that you display the following behaviours as they are expected of all our employees:

- Take Ownership

- Focus on Customers

- Work Together

- Embrace Technology & Information

- Deliver Results

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