

Job Title: Principal Apps Developer	
Job Evaluation Number	C233

## JOB DESCRIPTION

<b>Job Title:</b> Principal Apps Developer	<b>Location:</b> Kidlington or Southampton
<b>Job Family:</b> ICT	<b>Role Profile Title:</b> BB4 Police Staff
<b>Reports To:</b> Apps Development Team Leader	<b>Band level:</b> 4T
<b>Staff Responsibilities (direct line management of):</b> Nil	

a. **OVERALL PURPOSE OF THE ROLE:** Defines the role, put simply, why it exists.

**The overall purpose of the role is to:** provide application development, consultancy, testing, documentation and support of a wide range of new and amended software solutions and services in accordance with enterprise and system architectures and standards to meet defined business needs.

b. **KEY ACCOUNTABILITY AREAS:** Define the important aspect of the role for which the job holder is responsible for results or outcomes.

**The key result areas in the role are as follows:**

1. Provide 3rd level support services in relation to both in house and externally developed applications. Providing support, guidance and mentoring to Apps Developers, Application, and Senior Application Support Analysts
2. Develop, test and document new and amended software solutions in accordance with high level solution designs and agreed standards that are capable of meeting defined business needs and ICT's objectives for developing, implementing and maintaining high quality, resilient and performing ICT systems.
3. Provides the highest level of expertise in systems, works collaboratively with the Technical Architectures and Application Lifecycle Management to develop future technical system roadmaps
4. Work with and manage stakeholders at all levels in the co creation of future technical innovation solutions
5. Recommends appropriate industry standard technical tools, methodologies and techniques in an intelligent and effective way to investigate, analyse and improve solution development.
6. Produces consistently high standards of documentation, presentations and verbal communications using customer language to convey technical information.
7. Prepare for and contribute to project update meetings. Identify and provide early warning of potential progress blockers to project management.
8. Review given designs, evaluate potential solutions and undertake detailed data flows / analysis and mappings that meet design parameters and conform to technical constraints.
9. Establish, communicate and execute plans for unit and system testing on all developed products taking full remedial action as appropriate and supplying the complete technical documentation set.
10. Implements products into live operation adhering to formal change control processes in conjunction with team lead.
11. Communicates appropriately and effectively with end users so as to elicit requirements, manage user test cycles and manage expectations.

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12. Works with developers and team leaders to create estimates and plan timescales for project delivery.

13. Identifies and recommends emerging technologies to aid the development of new solutions as well as the onward support and remediation of existing systems.

c. **DIMENSIONS:** Include matters as key result areas that make the greatest demands on the role holder, seasonal pressures, items processed, the number of customers and/or level of authority to make financial decisions or commit other resources

#### **Further Comments:**

Although works under general direction in terms of workload management, this role carries complete accountability for the quality of software development delivery with substantial personal responsibility and autonomy for technical design, development and support and is one of force's subject matter experts on software design, development and support.

Receives work in the form of specific objectives, plans own work to meet given objectives and processes whilst being accountable to the team leader.

Influences team and peers and will mentor and critically review other developers work.

Supports and enhances a wide range of legacy locally developed software solutions and components that support critical business functions to both Forces.

The role holder will work with immediate and or / wider ICT team members to share best practice whilst providing development and performance assistance when required. They will act as a subject matter expert to provide guidance and advice to all TVP staff where necessary.

#### **d. CHARACTERISTICS OF THE ROLE**

**Expertise:** Concerned with the level of administrative, professional and/or technical expertise (knowledge and skills) needed to perform the role effectively; may be acquired through experience, specialised training, and/or professional or specialist education and training.

<b>The knowledge or skills required in the role are as follows (essential or desirable):</b>	<b>E/D</b>
1. Experienced full stack software developer and systems designer of complex ICT developments from initial concept through development and implementation to operation and support	E
2. Expert in the detailed solution design and build using a mixed variety of software platforms, technologies and languages (Azure, IIS, WCF, .NET, MVC, C#, JavaScript, XML/XSL, JSON, T-SQL MS Dynamics	E
3. Expert in the technical delivery of solutions during the software development lifecycle and the application and adherence to local and industry development standards ensuring that the business fit of the solution is accounted for.	E
4. Good practical knowledge of ICT infrastructure, software development and maintenance methods, tools and techniques and is conversant with ICT strategies, policies and standards.	E
5. Experienced and has a proven track record in coaching and mentoring developers, undertaking detailed peer reviews of code, component designs and documents (Internal or external staff) to ensure quality of component delivery.	E
6. Proficient in application development methods, techniques and standards, organised and documented sets of techniques, intended to facilitate the structured development of application	E

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7. Proficient in database software which enables the user to create, populate and manipulate data structures e.g. SQL Server, Oracle, MySQL.	E
8. Proficient in operational / service architecture knowledge of the IT infrastructure (hardware, databases, operating systems, local area networks etc.) and the IT applications and service processes used within our organisation.	E
9. Experience of utilising Modern BI tools to develop effective and insightful visualisations, identifying and providing business efficiencies (Business Objects, SSRS, Power BI)	
10. Proficient in structured reviews methods and techniques including reviews of technical diagrams, test plans, business cases and any other key deliverables e.g. peer review, formal technical review.	E
11. Proficient in business analysis techniques, which help in modelling and understanding a business and its operation, e.g.: functional business models, statistical process control, relational data modelling, use case.	E
12. Experienced in the identification and implementation of new and emerging technologies	E
13. Must have capability to travel to different locations across both Forces and undertake all assignments in a timely manner. Due to the requirement to work flexibly, unsocial hours and personal safety for lone working; public transport may not be available or suitable at these times. For this reason a full UK driving licence is considered essential. *	E
<b>Additional comments:</b> * At interview, candidates will be asked to confirm their willingness to undertake this Basic Driving Assessment, which in turn will enable the use of a police authorised vehicle.	