JOB DESCRIPTION

Job Title: Senior Apps Developer	**Location:** Kidlington or Southampton
Job Family: ICT	**Role Profile Title:** BB3 Police Staff
Reports To: Apps Development Team Leader	**Band level:** 3S
Staff Responsibilities (direct line management of): 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, 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. Delivers in conjunction with Service Delivery and 3rd parties' effective support and maintenance services for locally developed software systems / solutions and their components to meet defined business needs and that retain compatibility with enterprise and solutions architectures.

2. Recommend appropriate industry standard technical tools, methodologies and techniques in an intelligent and effective way to investigate, analyse and improve solution development. Produce consistently high standards of documentation, presentations and verbal communications using customer language to convey technical information.

3. 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.

4. Review given designs, evaluate potential solutions and undertake detailed data flows / analysis and mappings that meet design parameters and conform to technical constraints.

5. 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.

6. Implements products into live operation adhering to formal change control processes in conjunction with team lead.

7. Lead and mentors a small group of developers during delivery of software solutions.

8. Work with developers and team leaders to create estimates and plan timescales for project delivery.

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:

Works under general direction within a clear framework of accountability with substantial personal responsibility and autonomy for technical design, development and support and is one of force's emerging 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.

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.

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

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.

The knowledge or skills required in the role are as follows (essential or desirable):	*E/D*
1. Experienced 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 multiple complex software languages or toolsets e.g. Web Services, .Net, XSLT, XML, SQL, Business Objects, Microsoft Visual Studio etc.	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 applications e.g. Lean and Agile.	E
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. 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
10. 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
11. Must have capability to travel to different locations across the 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

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Additional comments:* 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.