



Falkland Islands Government – Job Description

Job Title:	Software Architect		
Department:	Directorate of Emergency Services & Island Security (DESI)	Section:	DESI Administration
Reports to:	Director of Emergency Services & Island Security/ Chief Executive		
Grade:	Falkland Islands Government Grade – D2	Job Code:	555SAD
Job Purpose			
<p>This role is charged with delivering and enabling digital excellence across the Falkland Islands Government. The Software and Architecture Development Officer will be responsible for the technical design and development of solutions, taking into account the existing and future business needs of the organisation.</p>			
Key Functions			
<ul style="list-style-type: none">❖ Responsible for developing databases and software applications to deliver business efficiency for the Falkland Islands Government. Coordinating with the FIG IT provider to ensure efficient working. This includes developing systems in conjunction with key stakeholders and Government departments.❖ To increase the efficiency of FIG databases developing systems for user/applicant input via online portals. Ensuring continuous development through cycles of development, implementing and improving both internal and public facing systems.❖ Working with various business areas to understand complex business requirements and to deliver effective solutions that deliver against the business objectives.❖ Review of the technology landscape to bring in new ideas, support and encourage innovation. Lead ongoing appraisal of developments in technology and application systems and assess how these can impact our business delivery.❖ To produce detailed component specifications and develop through to implementation❖ To organise and deliver training in new systems/applications.❖ To ensure applications are consistent and corporate in their branding.❖ To ensure that all security requirements are embedded and that Data Protection best practice principles are at the core of delivery.❖ To work collaboratively with the Chief Information Officer in developing systems and security for FIG applications.			



Falkland Islands Government – Job Description

Job Title:	Software Architect
Core accountabilities	
<ul style="list-style-type: none">❖ Innovative thinking to solve business challenges.❖ To work with business and technology stakeholders to translate business problems into technical designs. Create an optimal design through aligning the user need with the system requirements and organisational objectives.❖ To partner with business leads and system owners on specific problems to understand organisation and departmental strategy and agree information systems solutions to meet identified and agreed needs.❖ To contribute to the development and maintenance of a set of policies and standards for technical projects and ensure that all projects are delivered in compliance with agreed quality standards.❖ To design architecture taking security and compliance at its guiding principle.❖ Develop components to design the solution.❖ To maintain awareness of developments within the wider technology landscape.❖ To ensure that the system design balances functional, service quality, security and systems management requirements.❖ A Strong ability to build relationships and work across IT and business functions.❖ Be visible and work across all sectors in support of the FIG technology-enabled business improvement.❖ Ensure system development are generic and able to be supported <p><i>The job description is not an exclusive or exhaustive definition of your duties. You shall undertake such additional or other duties as may reasonably be required by FIG commensurate with your role and grade.</i></p>	
Additional Information	
<p>The post holder should expect to be called out for urgent systems failure, which could result in unsocial hours working for which no extra remuneration will be payable.</p>	



Falkland Islands Government – Job Description

Person Specification	Software Architect		
Criteria	Essential	Desirable	Assessment Method
Qualifications			
Educated to degree level (or equivalent) in a relevant subject matter or equivalent experience at a comparable level	✓		A
Evidence of commitment to continuous professional development	✓		A/I/R
Current valid driving licence	✓		A
Post graduate qualification in software development/IT (or equivalent)		✓	A
Knowledge, Skills and Experience			
5 years+ work experience in a relevant IT field	✓		A/I
Significant experience of working successfully with senior managers and key stakeholders.	✓		A/I/R
Demonstrable experience of successful delivery in a results driven environment	✓		I/R
A good working knowledge of application and software development principles	✓		A/I/R
Software development skills working with microservers/applications	✓		A/I/R
Up to date knowledge of IT developments	✓		A/I/R
Effective organisational skills	✓		I/R
Demonstrable Project Management experience	✓		I/R
Excellent computer literacy including software development. Good knowledge of programmes particularly Word, Excel and Access	✓		A/I/R
Knowledge of the design, development and maintenance of databases and systems process re-engineering.	✓		A/I
Excellent interpersonal skills which will allow the postholder to work well with colleagues, Senior Officers and Members across the organisation as well as, where necessary, partner organisations, and the business community	✓		I/R



Falkland Islands Government – Job Description

Person Specification	Software Architect		
Criteria	Essential	Desirable	Assessment Method
Knowledge, Skills and Experience: (continued)			
Excellent written, verbal and comprehension skills, e.g. ability to write cogent reports and implementation plans in plain English and to give advice on matters within the remit of the postholder to key stakeholders	✓		A/I/R
Ability to collate, interpret and analyse complex information and produce concise reports, plans and presentations for a wide variety of audiences	✓		A/I/R
Communications skills; able to effectively present reports and data to a variety of audiences and communicate through appropriate channels effectively at all levels internally and externally	✓		A/I/R
Highly motivated and able to plan and manage projects to tight deadlines	✓		I/R
Knowledge of the Falkland Islands Government		✓	A/I
Architecture Qualifications		✓	A
Personal Attributes			
Prepared to work out of hours where necessary	✓		I/R
Flexible approach to changing work demands and proven ability to progress developments and improvements in working practices	✓		I/R
Able to demonstrate a high degree of personal responsibility with an ongoing emphasis on retaining up to date knowledge specific to IT and applications	✓		I/R
Able to work on own initiative, prioritise tasks and meet deadlines	✓		I/R
Acts with integrity and probity	✓		I/R
Demonstrated ability to work in a confidential manner and respect sensitivities of subject matter	✓		I/R
Note to Applicants: Please ensure that you demonstrate your ability to meet the requirements of the job by giving clear, concise examples of how you meet each criterion on your application form.			

Method of assessment:

A - Application Form

I - Selection Interview

R – Reference