

## Job Description

Job Title: Technical & Solutions Architect

POSCODE: CCC2082

Grade: P3

### Overall purpose of the job

The holder of this post reports directly into the Enterprise Architect.

Technical & Solutions Architects provide the necessary leadership, analysis and design tasks related to the development of an enterprise's solutions architecture. This individual creates deliverables that help develop a direction for managing the organisation's portfolio of "to be" and "as is" solutions and technical designs— including systems (meaning not just applications, but also processes and information), shared infrastructure services, and shared application services and components to better match targeted business outcome objectives.

### Main accountabilities

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1.	Work with services to understand their drivers and capabilities (future and current state) and determine corresponding enterprise system designs and change requirements to drive the organisation's targeted business outcomes.
2.	Design and lead the implementation of a solutions architecture across a group of specific business applications or technologies based on enterprise business strategy, business capabilities and business requirements.
3.	Responsibility for all aspects of the IT architectural design and roadmaps, ensuring that the architecture balances functional, service quality and systems management requirements, whilst supporting the implementation of the IT Strategies and partnership arrangements.
4.	Manage and develop the architecture for a broader scope of projects, working closely with technical architects that manage and design architecture for a single project or initiative.
5.	Manage the integrity and quality of the technology architecture by investigating proposals for new systems and producing judgements about whether they are compliant with the architecture, involvement in design and procurement, and management of technical standards groups.
6.	Provide consulting support to application architects within projects to ensure the project is aligned with the overall enterprise architecture.
7.	Development and maintenance of the security architecture in liaison with Internal Audit, Security Manager and suppliers to ensure that gateways to partners and suppliers can be managed systematically and risks are managed effectively.
8.	Monitor the current-state solution portfolio to identify deficiencies through aging of the technologies used by the application, or misalignment with business requirements.
9.	Understand technology trends and the practical application of existing, new, and emerging technologies to enable new and evolving business and operating models.

10.	Analyse the business-IT environment (run, grow and transform the business) to detect critical deficiencies, and recommend solutions for improvement (systems of record, differentiation and innovation).
11.	Produce documentation including high/low level design, white papers and manage handover to implementation teams in a way that ensures efficient and supportable establishment of new services.
12.	Define the principles, guidelines, standards and solution patterns to ensure solution decisions are aligned with the enterprise's future-state architecture vision.
13.	Carry out any other duties which fall within the broad spirit, scope and purpose of this job description and which are commensurate with the grade of the post.
14.	To demonstrate awareness/understanding of equal opportunities and other people's behavioural, physical, social and welfare needs.

### Person Specification

#### Qualifications, knowledge, skills and experience

Qualifications Required	Subject	Essential/ Desirable
Degree	IT related subject or equivalent experience	<b>Essential</b>
MCSE or equivalent professional qualification	Various	<b>Desirable</b>

Identify	Describe	Essential/ Desirable
<b>Knowledge</b>		
	Excellent understanding of application development methodologies and infrastructure and network architecture.	<b>Essential</b>
	Good understanding of strategic and new and emerging technology trends, and the practical application of existing, new and emerging technologies to new and evolving business and operating models.	<b>Essential</b>
	Good knowledge of security products and architectures.	<b>Essential</b>
	Good understanding of the project management lifecycle with special emphasis on Technical Projects.	<b>Essential</b>
	Good practical knowledge of policy and standards formulation and management.	<b>Essential</b>
	Understanding of agile methods and processes, and capability of supporting agile project teams by providing advice and guidance on opportunities, impact and risks, taking account of technical and architectural debt.	<b>Desirable</b>
<b>Skills</b>		
	The ability to understand the long-term ("big picture") and short-term perspectives of situations.	<b>Essential</b>
	The ability to translate future-state business capabilities and requirements into solution architecture requirements.	<b>Essential</b>
	A full understanding of the current Local Government procurement policies and procedures.	<b>Desirable</b>

	Ability to propose and estimate the financial impact of solution architecture alternatives.	<b>Desirable</b>
	Ability to apply multiple technical solutions to business problems and to quickly comprehend the functions and capabilities of new technologies.	<b>Essential</b>
	Exceptional interpersonal skills, including teamwork, facilitation, and negotiation.	<b>Essential</b>
	Excellent analytical and technical skills.	<b>Essential</b>
	Must be able to engage staff at all levels both within and outside of the organization.	<b>Essential</b>
	Excellent written and verbal communication skills.	<b>Essential</b>
	Excellent planning and organizational skills.	<b>Essential</b>
	Ability to analyse problems and produce a range of options, culminating in a preferred solution, where problems may be complex and multi-faceted, difficult to define and may have no perfect solution.	<b>Essential</b>
	Ability to work with developers in an in-and-out outsourced environment.	<b>Essential</b>
<b>Experience</b>		
	Experience in at least two IT solution development disciplines, including technical architecture, network management, application development, and middleware & database management.	<b>Essential</b>
	Exposure to multiple, diverse technologies and processing environments.	<b>Essential</b>
<b>Equal opportunities</b>	Ability to demonstrate awareness/understanding of equal opportunities and other people's behaviour, physical, social and welfare needs.	<b>Essential</b>

#### Disclosure level

What disclosure level is required for this post?	<b>None</b>	<b>Standard</b>
	<b>Enhanced</b>	<b>Enhanced with barred list checks</b>

#### Work type

What work type does this role fit into?	<b>Fixed</b>	<b>Flexible</b>	<b>Field</b>	<b>Home</b>
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