

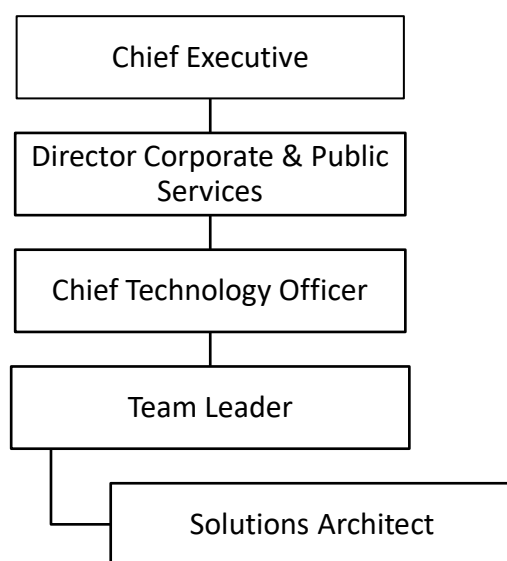
Solutions Architect

Purpose

As a Solutions Architect at Environment Canterbury, you will play a critical role in architecting, designing, leading and shaping solutions across the organisation that achieve business benefits aligned to our strategic direction.

Whether it is designing digitally enabled field data gathering and analysis systems or operating environment transformation initiatives, the Solutions Architect will work in partnership with business SME's, project managers, business analysts, our internal technical teams and vendors to contribute to, and lead the successful delivery of business outcomes.

Position



Accountabilities


1. Creates end-to-end solution architecture and detailed designs that achieve the business needs while also being complementary to the realisation of the Enterprise Architecture roadmap and organisational strategy.
2. Demonstrates innovative and analytical thinking to design integrated solutions that resolve complex business and technical challenges.
3. Engaged throughout the delivery of solutions and actively guides delivery to ensure alignment with the architecture and designs, while also adapting quickly to adjust the architectural direction as required.
4. Ensures all architecture and design artefacts are maintained in accordance with the Enterprise Architecture roadmap and accurately reflect delivered solutions.
5. Contributes to the improvement of Environment Canterbury's Enterprise Architecture and Business Information Services strategy

Working Relationships

Within the organisation

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CE	
Employee	

- Builds and maintains close working relationships with team leaders, members and software system owners throughout the organisation
- Leads and facilitates conversations across diverse business and technical stakeholders to understand their needs and translate into solutions.
- Ability to influence and motivate to gain commitment from all stakeholders.
- Communicates effectively with differing target audiences to ensure a common understanding
- Maintains close working relationships with BIS team members, software system owners and project team members.

Outside the organisation

- Contribute toward our effective, strong and valued relationship with all Papatipu Rūnanga within the Canterbury rohe and Te Rūnanga o Ngāi Tahu. To demonstrate our council's commitment to recognise and provide for the kaitiaki responsibility Ngāi Tahu has for the natural environment. This will include sharing of knowledge and information, creating opportunities for increased participation in decision making processes, effective engagement and development of existing working relationships.
- Liaise with vendors and service providers to maintain relationships and effective service delivery that are reliable and cost effective.
- Contribute toward our effective, strong and valued relationship with all Papatipu Rūnanga within the Canterbury rohe and Te Rūnanga o Ngāi Tahu. To demonstrate our council's commitment to recognise and provide for the kaitiaki responsibility Ngāi Tahu has for the natural environment. This will include sharing of knowledge and information, creating opportunities for increased participation in decision making processes, effective engagement and development of existing working relationships.
- Attend industry events and meetings to keep abreast of emerging technologies and trends for potential inclusion into Environment Canterbury.
- Represent the organisation at conferences, working groups, and user-groups.
- Develop and maintain collaborative working relationships with related organisations locally and nationally.

Special Conditions

Given that the Council has responsibility across the Canterbury region you may also be required to work and travel throughout the Canterbury region when and as is reasonably determined by the Council.

- May be required to work outside the normal working hours from time to time.


Health and Safety

Environment Canterbury is proactive in advocating robust Health and Safety practices; we take health, safety and wellbeing very seriously.

So far as it is reasonably practicable you need to ensure the Health and Safety of yourself, your team, contractors and visitors. You must comply with current Health and Safety legislation, regulations and guidelines, organisational policies, procedures and our code of conduct.

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Delegations and Authorities

Delegated authority to make decisions in accordance with Council approved delegations, and authority for decision making in accordance with policies and guidelines for financial, people management and media related activities.

Capabilities

Qualifications

- A tertiary qualification with an emphasis on Computer Science or Computer Engineering. Where a person can demonstrate an appropriate level of knowledge and skills backed up by experience these will be considered in lieu of the tertiary qualification.

Experience

- A proven track record in architecting innovative, reliable and secure solutions for large scale business systems.
- Demonstrable experience in architecting and designing data centric solutions
- Ability to architect solutions spanning all domains including business, applications, data and technology.
- Ability to develop detailed designs that are ready for development teams, both internal and external, to accurately understand, estimate and implement.
- 2+ years' experience in a solution architecture or similar role.
- Experience designing solutions utilising Microsoft Azure public cloud services, including platform-as-a-service (PaaS) resources, networking and security.
- A minimum of 3 years in a technical leadership role designing and implementing business software solutions using technologies such as C#, HTML and JavaScript.
- Familiarity with architecture modelling languages and frameworks such as UML, ArchiMate and TOGAF
- Experience in designing systems and processes associated with data safety and internet security including the authentication and authorisation processes.
- Creating and maintaining technical and user level documentation to describe systems design and implementation.
- Ability to communicate technical concepts across all levels within an organisation from end users to senior managers.


Core competencies

Specific behaviours at the Team Member Level sit beneath each of the following organisational competencies. To identify the competency expectations at this level view the competency framework in the P&C Kete or the Environment Canterbury Careers website.

Customer Focus	Ensuring that the customer perspective is a driving force behind decisions and activities. Initiating and maintaining relationships inside and outside the organisation.
Business Acumen	Using an understanding of the organisation's position to contribute to effective strategies and tactics by using economic, financial and industry information. Thinking from the ratepayers' perspective.
Achieving Outcomes	Translating strategic priorities into operational reality; aligning communication, accountabilities, resources, internal processes

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and ongoing measurement systems to ensure that strategic priorities yield measurable and sustainable results.

Leading Change Identifying and driving organisational and cultural changes needed to adapt strategically to changing demands, technology, and internal initiatives; using new approaches to improve results by transforming organisational culture, systems, or services.

Common Purpose Working towards a compelling view of the future by engaging with the organisation’s vision; understanding and aligning to the common purpose.

Building Capability Attracting, developing, engaging, and retaining talented individuals allowing the organisation to meet current and future organisational challenges. Sharing authority, responsibilities and decision making to enable individuals to stretch their capabilities and accomplish strategic priorities.

The above statements are intended to describe the general nature and level of work being performed; they are not an exhaustive list of all responsibilities, duties and skills required of the position and incumbent. However, from time to time the Solutions Architect will be required to accept and carry out other duties.

Band 6 **Position Code** SERVINF.114

I agree to undertake the responsibilities detailed in this job description:


Name: _____

Signature: _____

Date Signed: _____

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