



Ngākau aroha Have heart

Kotahitanga Better together

Kia māia Be brave

Mahia Nail it

## Position Description

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<b>Title:</b>	Senior Solution Architect
<b>Group:</b>	Te Aukaha   Digital
<b>Reports to:</b>	Chapter Lead - Architecture
<b>Band:</b>	18
<b>Date:</b>	August 2024

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### Context

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#### Our purpose

#### ***Waka Kotahi. Moving. Together***

A land transport system connecting people, products and places for the thriving Aotearoa.

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#### Group and team purpose

Te Aukaha | Digital strengthens Waka Kotahi through supporting our people and delivering future-focussed solutions. We enable digital change and provide quality data, information and security services.

The Technology group implements, supports and maintains digital capability for NZTA Waka Kotahi. Our teams design and deliver new digital initiatives that use data and information smartly so we can keep pace with digital change in all areas of the land transport system. In addition, our teams look after the digital needs of NZTA Waka Kotahi employees to perform their functions and manage information effectively and efficiently, and in accordance with all legislative and Government requirements.

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#### Position purpose

The purpose of this role is to provide technical expert knowledge and design services to deliver solution architectures and designs that meets business needs. As part of the Architecture Chapter this role will be expected to contribute to improving the processes and defining design patterns and mentoring junior architects as required.

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#### Key relationships

##### Internal:

- Business Analysts
- Product owners/Managers
- Domain Leadership
- Architecture Chapter Member
- Squad & Project teams
- Business/Initiative Owners

##### External:

- Customers
  - Vendors
  - Suppliers
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**Location:** Auckland, Hamilton, Palmerston North, Wellington, Christchurch

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## Dimensions

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### What the position involves

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#### Accountabilities

As well as being accountable for the NZTA Waka Kotahi values and behaviours, your role has the following specific key accountabilities:

- Helps drive and contributes to the development of solution architectures in specific business, infrastructure or functional areas.
- Creates and maintains architectural artefacts required for a project / product.
- Identifies and evaluates alternative complex architectures and the trade offs in cost, performance and scalability, and is able to articulate recommendations to a variety of audiences.
- Ensures that solution designs align with the company's strategies, methodologies and frameworks.
- Helps drive and contributes to the design and documentation of the company's architectural strategies methodologies and frameworks.
- Works with the rest of the project / product team to resolve technical issues during implementation and adjust designs appropriately.
- Helps mentor and train other architects on best practice and approaches to discipline requirements.

There is an expectation that the role accountabilities may evolve over time. You may also be involved in other activities as part of a career and development plan. These will be reflected in your performance and development goals that are set in discussion with your People Leader.

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#### Working effectively with Māori

Te Ara Kotahi – our Māori Strategy – supports Waka Kotahi to work effectively with Māori and is underpinned by uara (values) and our mātaḥono (principles) of – Rangatiratanga, Manaakitanga, Kaitiakitanga, Whanaungatanga, Te Tiriti o Waitangi, Mana o te Reo, Huna Kore (no surprises approach), Auahatanga (creativity and innovation), Whakapono (integrity and honesty) and in recognition of Cultural Values.

As Waka Kotahi is an agent of the Crown, Te Tiriti o Waitangi/The Treaty of Waitangi is important to everything we say or do. We recognise it as an enduring document central to New Zealand's past, present and future. Building and maintaining meaningful relationships is important to work effectively with Māori, stakeholders and other agencies.

We accept our privileged role and responsibility to the partnership of the Treaty of Waitangi / Te Tiriti o Waitangi.

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#### Values and Behaviours

Our values and behaviours underpin everything we do and form the core behavioural expectations for your role.

**NGĀKAU AROHA** *Have heart* means we have the wellbeing of our people, community and planet at the heart of everything we do. As Waka Kotahi we:

- Contribute to a safe and sustainable work environment.
- Show respect for all people.
- Treat others how we would like to be treated.
- Are inclusive and connected
- Look out for each other

**KOTAHITANGA** *Better together* means we achieve great things when we work together to build trusted relationships inside and outside of Waka Kotahi. As Waka Kotahi we:

- Build better relationships
- Join up our thinking and our doing

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- Remove barriers to collaboration
  - Seek and listen to others to learn and grow
  - Invite conversation and feedback and always improve

**KIA MĀĪA** Be brave means our outcomes are better when we bring courage and self-belief to our passion and purpose. As Waka Kotahi we:

- Speak up when it matters
- Challenge to achieve the right outcome
- Make and own the tough decisions
- Find different perspectives to challenge thinking
- Face up to the difficult issues

**MAHIA** Nail it means we create enduring legacy, delivering our best work every day. As Waka Kotahi we:

- Are clear on what's important
- Deliver on the right outcomes
- Hold ourselves to account
- Help others succeed
- Celebrate success

As a member of the state sector we also hold ourselves to the highest standards of integrity and conduct.

#### **SPIRIT OF SERVICE**

Ka mahitahi mātou o te ratonga tūmatanui kia hei painga mō ngā tāngata o Aotearoa i āianeī, ā, hei ngā rā ki tua hoki. He kawenga tino whaitake tā mātou hei tautoko i te Karauna i runga i āna hononga ki a ngāi Māori i raro i te Tiriti o Waitangi. Ka tautoko mātou i te kāwanatanga manapori. Ka whakakotahingia mātou e te wairua whakarato ki ō mātou hāpori, ā, e arahina ana mātou e ngā mātāpono me ngā tikanga matua o te ratonga tūmatanui i roto i ā mātou mahi.

In the public service we work collectively to make a meaningful difference for New Zealanders now and in the future. We have an important role in supporting the Crown in its relationships with Māori under the Treaty of Waitangi. We support democratic government. We are unified by a spirit of service to our communities and guided by the core principles and values of the public service in our work.

More information on all the behaviours and standards are included in the Waka Kotahi Te Tikanga Whanonga – Our Code of Conduct.

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## **The value you will bring**

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### **Knowledge and experience:**

- Significant experience in design of complex technology solutions
  - Significant experience interpreting business needs and translating these into practical designs
  - Significant experience in leading, influencing and building credibility across a range of stakeholders
  - Significant experience in the use of multiple modern technology methodologies and frameworks e.g. event-driven architecture, distributed computing, micro-services
  - Significant experience in modern toolsets and approaches e.g. collaboration, automation, security, cloud
  - Solid experience in Architecture modeling tools and frameworks e.g TOGAF, Archimate.
  - Experience in mentoring and upskilling others on design concepts and approaches
  - Minimum 5 Years relevant architecture / design experience.
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**Qualifications:**

- Tertiary level qualification in relevant subject or equivalent experience.
- Nice to have: Professional Certifications

You will demonstrate knowledge of, or a willingness to gain an understanding of Te Ao Māori and promote tikanga and Te Reo Māori. You will also have knowledge of, or a willingness to gain an appreciation of te Tiriti o Waitangi (the Treaty of Waitangi) as it applies in the public sector.

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To learn more about what we do visit [www.nzta.govt.nz](http://www.nzta.govt.nz)