

Solutions Architect

Kaupapa | Purpose

- The Solutions Architect sits within the Digital Solutions team and is responsible for leading the design and evolution of architecture across Digital solutions within the applications domain, including application, integration, and data architectures.
- This is a hands-on role that combines architecture leadership with active involvement in solution delivery, build, and optimisation. The role ensures the delivery of secure, scalable, and maintainable end-to-end solutions, aligned with business strategy, enterprise architecture, and the broader Digital roadmap.
- The Solutions Architect provides architectural oversight across all application-based solutions, ensuring consistency, reuse, and alignment across Digital initiatives. This includes ownership of end-to-end architecture documentation, maintaining an accurate and current view of how systems, integrations, and data flows operate across the environment.
- A key aspect of this role is the ability to engage, influence, and communicate effectively with stakeholders across Digital and the wider organisation, ensuring solutions are well understood, aligned, and deliver value.

Reports to: Manager - Digital Solutions

Team: Wintec

Remuneration: IEA Band 7 (\$108,400 to \$135,400)

Ngā mahi | Do

- Application, Solution & Data Architecture
- Define and maintain architecture standards, principles, and patterns
- Lead end-to-end solution design across applications, integration, and data
- Design and evolve data platforms, ingestion pipelines, and integrations
- Ensure alignment to enterprise architecture and business requirements
- Promote reuse of platforms and components
- Hands-on Delivery & Implementation
- Build, implement, and refine solutions
- Provide hands-on support for delivery, troubleshooting, and optimisation
- Ensure solutions are practical and aligned to delivery constraints
- Data Infrastructure & Data Architecture
- Define data architecture vision and roadmap
- Design and govern data platforms including Databricks
- Ensure data flow, lineage, ownership, and governance alignment
- Architecture Documentation & Governance
- Maintain architecture artefacts, diagrams, and system maps
- Establish governance processes and design reviews
- Ensure documentation is current and accessible
- Strategic Planning & Road mapping
- Contribute to ISSP
- Maintain technology and data roadmaps
- Identify risks, gaps, and opportunities
- Integration & Modern Practices
- Define API, event-driven, and integration patterns
- Support DevOps and DataOps practices
- Promote secure-by-design principles
- Advisory & Stakeholder Engagement
- Act as advisor to Director – Digital

- Facilitate workshops and stakeholder discussions
- Translate business needs into solutions
- Delivery & Collaboration
- Work within the Digital Solutions team
- Collaborate with Digital Platforms and Technology Services
- Engage data engineers using Databricks
- Quality, Security & Risk
- Ensure quality, performance, and security standards
- Manage risks across applications and data
- Mentoring & Capability Development
- Mentor Digital staff
- Promote innovation and continuous improvement

Health and safety management accountabilities are understood and applied.

Individual and staff H&S outcome and objectives

- Significant hazards in the area of responsibility are identified, documented and reviewed annually or as new hazards emerge
- Significant hazards are eliminated, isolated and/or risk minimized
- Staff in the area of responsibility are involved in the hazard management

Wintec culture

- Observes Wintec's mission, strategies, priorities and values in all activities
- Follows all Wintec's policies and procedures and legislative obligations
- Demonstrates an understanding and commitment to the principles of the Treaty of Waitangi and Equal Employment Opportunities (EEO)
- Demonstrates an understanding of and commitment to Wintec's mission, strategies, priorities and values
- Promotes equity and diversity in the workplace; builds mutual trust; and treats kaimahi equitably, transparently, fairly and in a culturally appropriate manner

- Undertakes continuous improvement and development of systems, procedures and service to ensure Wintec maintains and develops its position as a leading provider of vocational education and training

Other duties

- Performs other duties as may be reasonably required from time to time

Demonstrate commitment to:

Te Tiriti o Waitangi. Through our developing understanding of our obligations and our connection with Te Tiriti o Waitangi as both individuals and as an organisation.

Ākonga at the Centre. Through prioritising the experience, wellbeing, and success of our ākonga in our decision-making process.

Equity. Through recognition, empowerment, and inclusion we can give greater acknowledgement of the unmet needs of Māori, Pacific and disabled ākonga and their whānau.

Vocational Education and Training Excellence. Through quality provision for all ākonga, meeting the regional needs of employers and communities.

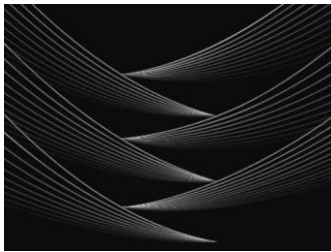
Pūkenga | Have

Education, Training and Experience

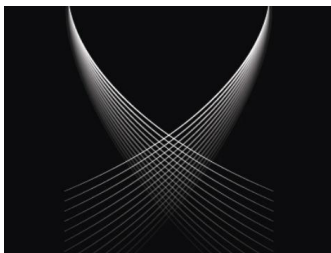
- Education
- Degree in Computer Science or related field
- Experience
- 5+ years in solution or data architecture
- Hands-on delivery experience
- Experience with application, integration, and data architecture
- Experience with Databricks or similar platforms
- Strong stakeholder engagement skills

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- Skills
- Architecture and problem-solving mindset
- Strong communication and influence skills
- Integration and API knowledge
- Data modelling and flows
- Ability to balance strategy and delivery

Wintec Values



Manawa nui describes the behaviour of a person or group that embodies manaakitanga (kindness), humility, patience, respect, tolerance and compassion.



Manawa roa describes the behaviour of a person or group that embodies staying power, resilience, fortitude, grit and doing what needs to be done to achieve the collective goal.



Manawa ora describes the behaviour of a person or group that embodies the act of breathing life into all aspects of another life form.

Ngā Hononga Mahi | Working relationships

Internal:

Advisors/Consultants / Department Managers / Academic Staff / Team Managers/Team Leaders/Coordinators / Heads of School/Centre Directors / Digital Solutions / Digital Platforms / Technology Services / Business stakeholders

External:

Consultants / Vendors and partners

Resource delegations and responsibilities:

Financial: Nil

People: Nil