Data Developer

Purpose | Te arotahi mātua

The Data Developer will play a key role in the development of integrations and interoperability components of the Council's modern data platform within the Azure cloud environment. This role is responsible for designing and implementing robust data pipelines, APIs, and integration solutions that support data-driven decision-making across the organisation.

Working closely with data, systems and infrastructure engineers, the Data Developer ensures seamless connectivity between systems, applications, and data services, enabling efficient and secure data flow across the Council's digital ecosystem. The Data Developer will focus on secure, compliant, and efficient data exchange, supporting analytics, operations, and compliance.

Key responsibilities include delivering customer-focused support, assisting users in data access and interpretation, and enhancing the organisation's capacity for data-driven decision-making. By prioritising secure, compliant, and efficient data exchange, the Data Developer contributes to achieving successful outcomes across the organisation

Role dimensions | Te ahu mahi

Responsible to: Data and GIS Lead
Responsible for: Nil
Primary location: Stratford, although travel may be required for as part of your duties
Position grade: 15

Organisational context | Te horopaki whakahaere
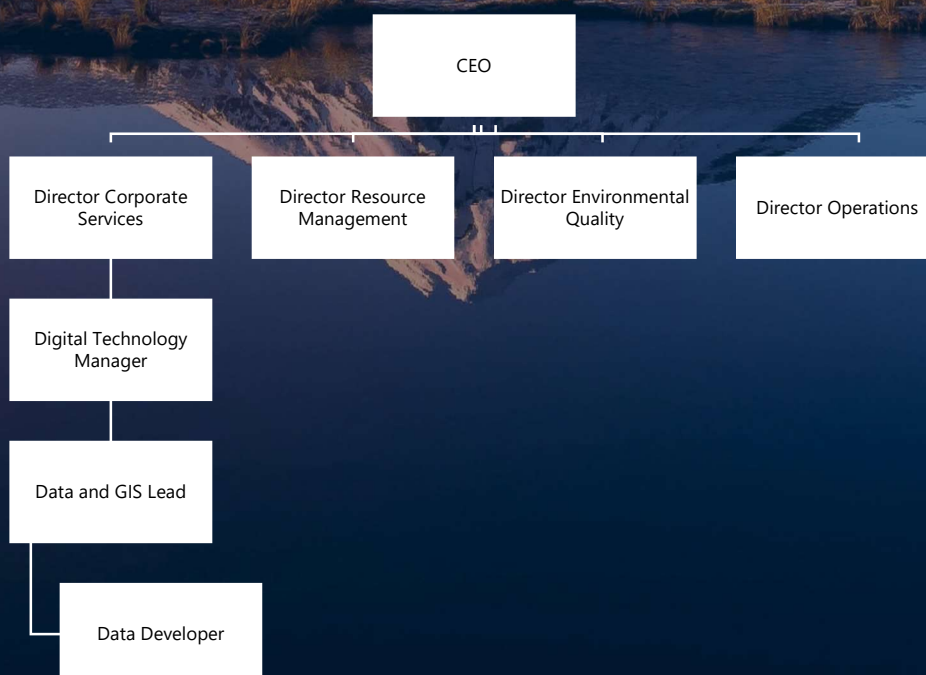
Role specific areas of responsibility | Whakaritea ngā wāhanga kawenga

The key responsibility areas are provided as a guide only. Performance measures for this job will need further discussion between the job holder and People Leader/Manager as part of the performance development process.

Data Integration & Pipelines	• Design, build, and maintain scalable data integration solutions using Azure-native tools (e.g., Azure Data Factory, Synapse Pipelines, Logic Apps). • Develop and manage ETL/ELT processes to support data ingestion from internal and external sources. • Implement and maintain APIs and data services to support real-time and batched data flows.
Modern Data Platform Development	• Contribute to the implementation and evolution of the Council's modern data platform. • Work in partnership with the Data Engineer and Reporting Specialist to ensure data on the platform is accessible, reliable, and well-governed. • Support the development of data models and data products aligned with business needs.
Collaboration & Support	• Collaborate with Systems and Infrastructure Engineers to ensure secure and performant integration between systems. • Collaborate with the Application Support and Digital PMO teams to align data solutions with project delivery. • Provide technical support and documentation for integration solutions.
DevOps & CI/CD	• Implement CI/CD pipelines for data and integration solutions using Azure DevOps or GitHub Actions. • Ensure version control, automated testing, and deployment practices are followed.
Skills and training	• Maintain professional and technical knowledge personally through continued education, online/in-person training and attendance of educational workshops, reviewing professional publications, networking and participation in professional industry groups
Strategic development	• Contribute to the successful delivery of the Digital Technology Roadmap by ensuring compliance with data governance, privacy, and security policies. • Contribute to the development of data standards and best practices. • Advise on data integration initiatives and support data-driven decision-making across the organisation by identifying and implementing best practices for data and integration solutions. • Keep current with developments in integration and interoperability technologies, recommending and implementing tools and methodologies that improve data quality, accessibility, and governance. • Champion data as a strategic asset and advocate for best practices in data management, ensuring organisational data is trusted, accurate, and readily available for organisational needs

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Organisational areas of responsibility | Ngā wāhanga whakahaere

- **Be a team player** – Contribute to the greater team and organisational goals by completing projects and tasks in an efficient and effective manner, including any additional activities as directed by your People Leader.

- **Be flexible and adaptable** – Flexible work arrangements meet the needs of our customers, the Council and the individual and may include the need to work outside normal office hours from time-to-time.

- **Look after yourself and others** – Work within the Council's health and safety systems, policies and procedures at all times to limit risk and keep yourself and those around you safe.

- **Work with integrity** – Maintain high professional and ethical standards that align with relevant legislation, Council polices and our values.

- **Develop yourself and others** – Proactively seek out opportunities for your own professional development and work alongside others to develop them, including actively taking part in Our TRC.

- **Be culturally aware** – Show appreciation and understanding of Māori culture and values and put these into practice in your work.

- **Be an agent for change** – Always be on the lookout for ways to do things better, faster or smarter and be an active participant in the continuous improvement culture.

- **Be digitally savvy –** Understand and be competent in the use of digital technologies relevant to your role, including processing and storage of Council information in line with relevant policies.

- **Emergency planning and response** – Where required, participate in emergency management training exercises and support Council during an emergency management response, having due regard to the safety of your family.

- **Live our values** - Be aware of and demonstrate our values in ways that support inclusivity in every aspect of our work.

Delegations of authority | Te tuku mana

Delegations for all roles are set out in the **Taranaki Regional Council Delegations Manual** as appropriate.

Personal specifications | Ngā whakaritenga whaiaro

Qualifications
- A Bachelors qualifications in Computer Science, Information Systems, or a related field, or equivalent industry experience.
- Relevant .NET/C# development certifications or demonstrable experience with ASP.NET Core, C# programming, and Azure Functions is essential, particularly for integration and API development tasks.
- Relevant Microsoft certifications (e.g., Azure Data Engineer Associate, Azure Developer Associate, Power Platform Developer Associate) are advantageous

Experience
- A minimum of 5 years' proven experience in data integration, API development, and cloud-based data solutions
- Strong knowledge of Azure services including Data Factory, Logic Apps, Functions, Key Vault, and Azure SQL.
- Experience with Azure Synapse Analytics, Databricks, or Purview.
- Azure Databricks/Fabric Notebooks for advanced processing, Event Hubs for streaming, or API Management for governance
- Experience with CI/CD pipelines and infrastructure-as-code (e.g., Bicep, ARM templates, Terraform).
- Proven experience building and maintaining effective relationships with a wide range of internal and external stakeholders and securing their cooperation.

Skills
- Taranaki Regional Council has a skills pathway framework enabling people to plan their development and grow their skills. The core skills required for this position are aligned with **He Pukenga Ara Skills Pathway**, and a summary table is included in Appendix 1.
- Familiarity with Azure Landing Zones and cloud architecture best practices.
- Proficiency in scripting and programming languages (e.g., C#, Python, PowerShell, SQL).
- Strong understanding of testing practices, including unit testing, integration testing, and automated testing frameworks for data and integration solutions.
- Understanding of data governance, security, and compliance in a cloud environment.
- Sound analytical and problem-solving abilities, with a detail-oriented approach.
- Ability to prioritise tasks, multitask, think laterally, and self-manage to meet deadlines.
- Experience in training others and effectively explaining complex concepts in a clear, accessible manner.

Knowledge
- Strong knowledge of enterprise integration patterns and event-driven architectures.
- Knowledge of Microsoft Power Platform (Power BI, Power Automate).

Personal attributes	• Self-motivated and well organised to meet deadlines
	• Adaptable
	• Strong initiative
	• A can-do attitude
	• Self-awareness
	• Customer first mentality – Drive to put the customer at the centre of everything they do
	• Growth mindset – Able to self-reflect, challenge the status quo and grow

Functional relationships | Te whanaungatanga mahi

Build, maintain and role model meaningful effective and sustainable relationships with;

Internal	• All Taranaki Regional Council staff
	• All Digital Technology team members.
External	• Other Regional/District Councils
	• Crown Research Institutes
	• Industry representatives
	• Iwi/hapū

Changes to job description | Ngā huringa ki ngā whakaahuatanga mahi

From time to time it may be necessary to consider changes in the job description in response to the changing nature of our work environment. Such changes, including technological requirements or statutory changes, may be initiated by the manager of this job with due consultation with the position holder. This job description should be reviewed as part of the preparation for performance planning for the annual performance cycle.

Our key messages | Ko ā mātou kōrero mātua

Taranaki Regional Council works with the Taranaki community:

Improving lifestyles
Supporting livelihoods
Taking Taranaki forward

Our mission | Tō tātou mīhana

To work for a thriving and prosperous Taranaki by:

- Promoting the sustainable use, development and protections of our natural and physical resources.
- Safeguarding Taranaki's people and resources from natural and other hazards.
- Promoting and providing for significant services, amenities and infrastructure.
- Representing Taranaki's interests and contributions to the regional, national and international community.

We will do this by leading with responsibility, working cooperatively, encouraging community participation, and taking into account the Treaty of Waitangi.

Our values | Tō tātou whanonga pono

- **Integrity** | We do what it is right, rather than what is easy.
- **Teamwork** | We are one TRC team, working together with courage and purpose.
- **Care & Respect** | We demonstrate care and respect for ourselves and others; we treat everyone with dignity.
- **Agility** | We strive for excellence, embracing change as an opportunity for innovation.
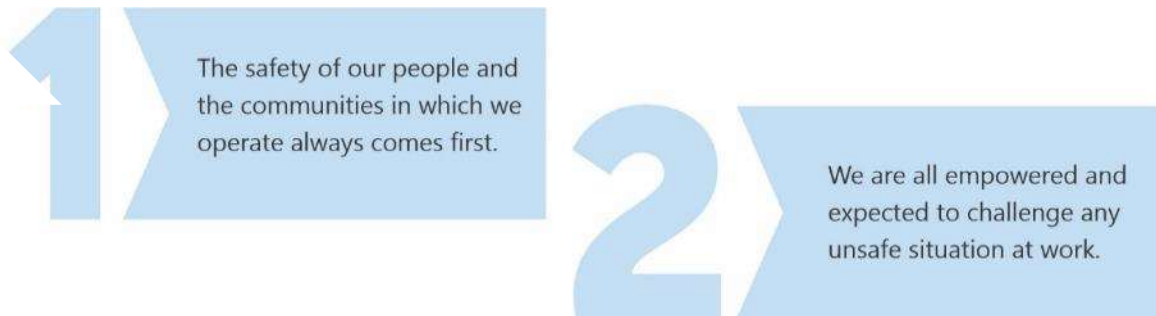

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Our health and safety | Tō tātou Hauora me te haumaru

The Taranaki Regional Council is committed to a process of continuous improvement in order to achieve excellence in the management of health and safety at all of our workplaces. We recognise the positive impact that the values and benefits of enhanced health and safety bring to the organisation, our employees and our communities.

There are two key points to health and safety:

1 The safety of our people and the communities in which we operate always comes first.

2 We are all empowered and expected to challenge any unsafe situation at work.

We will achieve these by:

- Building a positive culture
- Aiming for zero harm
- Taking reasonable practicable steps
- Managing contractors
- Communicating
- Develop knowledge
- Investigating and learning

He Pūkenga Ara Skills Pathway

Skill Area	Capabilities
Service Delivery	• Service Standards • Customer Service • Judgement and Decisions
Organisational Impact	• Aligns Work • Collaborates • Assesses Impact and Value • Promotes Change
Self-Awareness	• Knows Self • Develops Self and Others • Builds Trust
Communicates Effectively	• Clear Messages • Adapts Style • Tact and Diplomacy
Digital Technology	• Systems Knowledge • Works Efficiently • Data Management
Wellness and Risk	• Policies and Procedures • Manages Risks • Proactive Wellbeing • Site Safety
Cultural Awareness	• Reo • Tikanga • Whakawhanaungatanga • Local context • Mātauranga Māori • Regulatory Environment