Cloud Engineer

EECA | TE TARI TIAKI PŪNGAO
ENERGY EFFICIENCY & CONSERVATION AUTHORITY

The Role

Location:	Wellington	Team:	Data and Analytics
Grade:	17	Direct reports:	Nil
Employment:	Fixed Term – 9 months	Reports to:	Manager Data and Analytics

Responsibilities

Within EECA's Strategy Insights and Regulations Group, the Data and Analytics Team is primarily focused on collating, modelling and analysing data as it relates to EECA's work programmes – ensuring that EECA makes informed decisions based on robust evidence, and therefore is able to maintain its position as an authority on energy efficiency and the use of renewable forms of energy.

The purpose of the Cloud Engineer is to collaborate with the Data & Analytics team to design, develop, maintain and operate EECA's "Data Platform" and related products and services; lead the cloud engineering and DevOps practice at EECA and share knowledge and skills across the Data and Analytics team. The Cloud Engineer will be responsible for developing cloud infrastructure as code, improving development and deployment pipelines, and transforming our tools into robust and production-ready systems.

EECA's Purpose and Behaviours

Our Purpose

EECA's purpose is to mobilise New Zealanders to be world leaders in clean and clever energy use. We are Te Tari Tiaki Pūngao – Guardian of the energy. This means we have a responsibility to ensure that all of New Zealand recognises that the energy we save now will be an asset to our future, in a multitude of ways. We want a sustainable energy system that supports the prosperity and well-being of current and future generations.

In order to get there, our strategic focus areas are:

- Productive and low emissions business
- Efficient and low-emissions transport
- Energy efficient homes
- Government leadership
- Engage hearts and minds

More information on who we are and what we do is available on our website www.eeca.govt.nz/about-eeca;

Our Key Behaviours

EECA has identified four key behaviours that will help us succeed. We will be looking for applicants that can demonstrate these behaviours.

Open to the new   Stand in others' shoes   Believe in 'we' not 'me'   Deliver the goods

Key Result Areas

- Lead the workstream to improve the maintainability, quality, reliability and security of EECA's Data Platform
- Deliver high quality infrastructure as code for the Data Platform components
- Develop appropriate testing frameworks and CI/CD pipelines for the Data Platform
- Provide thought leadership and expertise on cloud engineering and DevOps best practice
- Mentor and upskill others in the Data and Analytics Team
- Support general DevOps practices across the team, including system design, development, support and operations
- Participate in and enhance the team's processes, culture and collaboration
- Liaise with stakeholders and keep others informed of progress, issues and opportunities
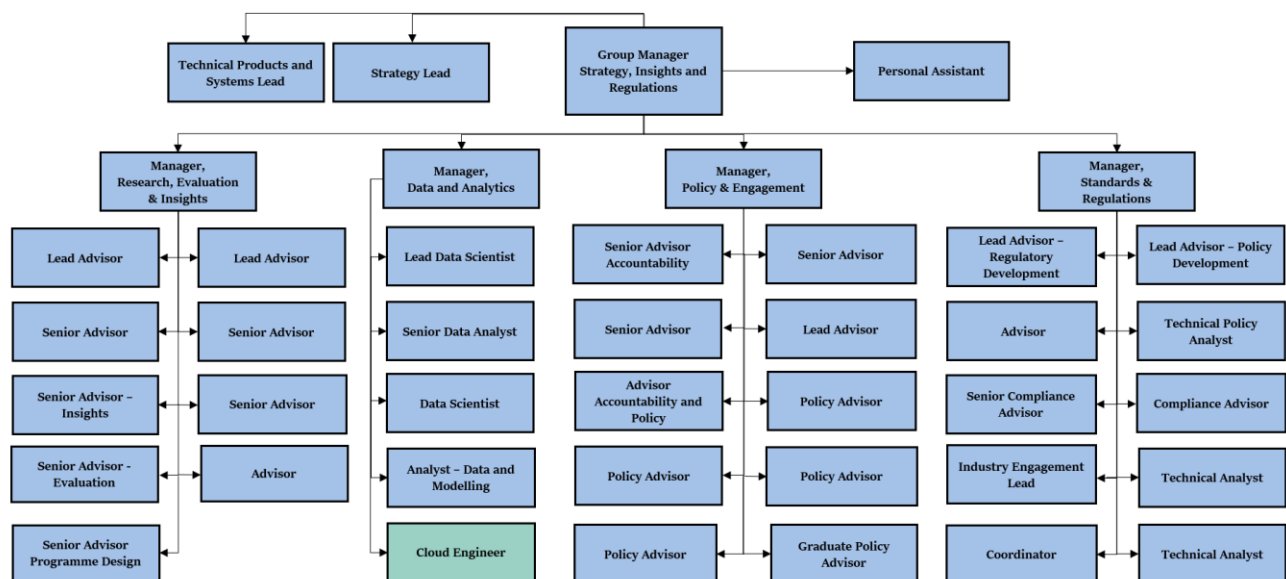
Key Competencies

- Technical leadership
- Partnership and relationship acumen
- Dealing with ambiguity
- Commercial orientation
- Planning and priority setting
- Collaboration

Relationships

It is expected that effective working relationships are established with relevant EECA staff and external stakeholders.

Where your position fits

Strategy, Insights and Regulations Group

Key Internal Relationships	Key External Relationships
• ICT team • Research, Evaluation and Insights team • Business • Marketing and Communications Group	• Relevant Public Sector agencies Relevant Industry Associations & sector organisations

Educational Qualifications, Experience and Skills Required

- 3 – 7 years' experience in a cloud engineering role (Azure, AWS or Google Cloud)
- A relevant tertiary qualification or equivalent work experience in a related subject (statistics, computer science, engineering, or relevant discipline)
- High levels of proficiency and demonstrated experience in IaC (Terraform, CDK or similar)
- Demonstrated experience in DevOps methodologies and tools (Github Actions, Azure DevOps or similar)
- High levels of proficiency and demonstrated experience in use of scripting and programming languages (Python, PowerShell, Bash).
- Demonstrated experience working in an agile collaborative environment including proficiency with version control systems (GitHub or similar)
- Excellent time management skills
- Strong written and verbal communication skills ability to communicate complex technical concepts to non-technical audiences.

EECA's Working Environment

A policy of equal employment opportunity operates and EECA provides a work environment that is free from discriminatory practices and encourages all employees to reach their full potential.

As a good employer, EECA takes its Health and Safety responsibilities seriously and all staff are expected to comply with all Health and Safety policies and practices, as part of their employment.

Working in the Public Service

Ka mahitahi mātou o te ratonga tūmatanui kia hei painga mō ngā tāngata o Aotearoa
i āianei, 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 hapori, ā, e arahina ana mātou e ngā mātāpono me ngā tikanga matua o Te ratonga tūmatanui i roto i ā mātou mahi.
Mō ētahi atu kōrero hei whakamārama i tēnei kaupapa, haere ki
https://www.publicservice.govt.nz/about-us/

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.
You can find out more about what this means at: https://www.publicservice.govt.nz/about-us/