Cloud Engineer

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Company: Aps

Location: Australia

Category: other-general

Geoscience Australia acknowledges the Traditional Custodians of Country throughout Australia and recognises the continuing connection to lands, waters and communities. We pay our respects to Aboriginal and Torres Strait Islanders Cultures, and to elders past and present. About us

Geoscience Australia is Australia's pre-eminent public sector geoscience organisation. We are the nation's trusted advisor on the geology and geography of Australia. We apply science and technology to describe and understand the Earth for the benefit of Australia. We apply our diverse professional expertise, our deep and trusted knowledge, our national-scale Earth observation infrastructure and our strong partnerships, to the opportunities and challenges that face our nation. Our culture

Our strength lies in our people, including our diversity in backgrounds, skills and experiences, and the way we work together to respond to the emerging needs of our work. We value diversity in gender, backgrounds, culture, and experiences of our employees and are committed to providing an inclusive workplace culture that ensures everyone has equal opportunity to contribute, participate and progress. Applications from people who reflect this diversity are encouraged.

Our workplace is committed to the health, safety and wellbeing of our employees and offers a variety of flexible working arrangements to enhance flexibility, including remote working arrangements. What we can offer you

When you work at Geoscience Australia you will have access to a range of benefits and the opportunity to experience a workplace culture that truly values and promotes diversity,

inclusion, equity and belonging. To learn more about our competitive salary, free onsite parking, generous flexible working arrangements and the role you can play in growing our culture click here . Our team

The Digital Science Platforms Section within the Enterprise Data and Digital branch delivers specialist geospatial information and software services that will enable Geoscience Australia to create and deliver its digital science data according to current best practice. The section consults with internal and external research, government, and industry partners, to establish collaborative frameworks, products and scientific system architectures and models within Geoscience Australia and across broader national and international communities of practice. The section innovates, builds, and maintains tools, systems, processes, and governance that enable digital data product creation, management, and delivery.

Our team provides enterprise-wide geospatial platforms and services for internal and external clients (both propriety and open source). The team provide advice on the current geospatial landscape and provides direction of geospatial products into the future. The team are also responsible for the development, management, and implementation of cloud standards in collaboration with business owners across the organisation. The key duties of the position include

The Cloud Dev Ops Engineer is responsible for the development and implementation of enterprise tools to help developers deploy on the cloud easily and securely and be able to monitor their systems. The role also involves maintenance and administration of enterprise GIS platforms, systems and services to Geoscience Australia and its stakeholders.

You'll help us continually improve GA's cloud environments and code pipelines, making our services scalable, reliable, responsive, and secure.

In this role you will: Design, implement and manage AWS & Azure cloud solutions to meet business requirements. Collaborate with cross functional teams to develop and implement CI/CD pipelines for efficient deployment processes and infrastructure solutions on AWS &/or Azure environments. Provide technical expertise and support to ensure the reliability, security and scalability of cloud and GIS infrastructure. Work with ICT specialists to understand, promote and reuse enterprise ICT platforms, Spatial and Cloud platforms, systems, and services. To be successful in the role you will: Perform routine system administration activities, building, delivering, and managing cloud environments using AWS & Azure platforms. Identify problems and assess their significance; take appropriate action to resolve them; think laterally; be innovative; identify and implement improved work

practices. Support collaborative projects, providing architectural advice on cloud-based infrastructure as a service. Work with Geospatial Solutions Architect to contribute to capacity planning and future cloud and infrastructure design. Provide technical expertise and support to ensure the reliability, security and scalability of cloud and GIS infrastructure. Required skills, knowledge, experience and/or qualifications Bachelor's degree in computer science, Engineering, or related field, or equivalent experience. Best practice in AWS &/or Azure system and operation Proven experience working with cloud technologies and Microsoft stack. Hands on experience using infrastructure as a code implementing CI/CD pipelines and automation tools. Demonstrated experience in modern development practices (Agile, Lean, DevOps) methodologies and tools (Jira, Bitbucket, GitHub) Excellent problem-solving skills and ability to thrive in a fast-paced environment. Desirable: Experience in the configuration and administration of the GIS software and tools in a multi-deployment environment ESRI GIS and FME (cloud, server, desktop) software and user workflows. Understanding of spatial databases and data management techniques Previous experience in a GIS administration &/or support role Are you unsure about applying? Did you know that a Hewlett Packard internal report found that men apply for jobs when they meet an average of 60 per cent of the job requirements? Women and other people from diverse backgrounds tend to only apply when they check every box. If you think you have what it takes, but don't necessarily meet every single point on what we are looking for, please still apply or get in touch with the contact officer to learn more about the role. To Apply Please visit the careers page of our website to submit your application via our e-Recruit system. Your application should include: Your resume (no more than 3 pages) A brief statement (no more than 700 words) outlining your transferable skills, experience and capabilities related to the role and the value you would bring to Geoscience Australia. If you have any questions regarding the role, please contact Rebekah Campbell on or email To learn more about applying for roles within the Australian Public Services please review, ' Applying for an APS job: cracking the code '.

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