POSITION TITLE: Cloud Engineer

LOCATION: *Canberra, ACT*

Ready to join a transformational team working at the forefront of location data intelligence? It's an exciting time to be part of the growing PSMA team, and this is a unique opportunity to grow your career in a fast-paced entrepreneurial environment.

ABOUT THE ROLE

PSMA Australia is a recognized leader in the development and delivery of high-value, high-quality geospatial data. Our data products and services enable both the government and industry to deliver increasingly sophisticated location-based solutions. Consequently, the organisation plays a vital role in Australia's digital economy generally and the spatial information sector specifically.

The Cloud Engineer works within PSMA's Infrastructure Squad. Their primary short term goal will be working with their Infrastructure Squad colleagues to migrate PSMA systems from a private cloud provider into AWS, re-architecting systems where possible and necessary. Their longer term goals will revolve around working with their Squad to ensure the stability, integrity, security and efficient operation of PSMA's systems and databases.

The Infrastructure Squad provides strategic IT leadership and enterprise solutions to ensure PSMA has the IT capability to fulfill its mission statement.

Mentoring and providing technical guidance to support the development of colleagues is an ongoing requirement in this position.

Key responsibilities will include:

- Migration of systems from PSMA's private cloud provider into AWS,
- Leadership in the creation of patterns and standards, in consultation with client squads and subject matter experts,
- Continuous improvement of PSMA's operational system deployment,
- Providing quality technical advice and support, training, and technical documentation to PSMA staff and vendors.
- Identifying issues, risks, and mitigation measures for IT systems and ensuring they are reported and understood by teammates and PSMA leadership, and
- Occasional 'out of hours' support.

WHO WE'RE LOOKING FOR: *ATTRIBUTES*

We need a passionate and dedicated person with a strong commitment to continuous learning, as well as the ability to apply new knowledge to both improve business outcomes and support the technical development of colleagues. It is necessary to have the capability to create, maintain and keep appropriate records concerning system configuration, mapping processes and service records.

From your first day, you'll bring:

- an insatiable professional curiosity and ability to learn new skills,
- a positive can-do attitude and integrity in your decision making,
- a focus on accuracy, efficiency, confidentiality and timeliness in carrying out all duties,
- the ability to manage work with initiative and leadership,
- the ability to communicate complex concepts in plain language,
- a reliable and flexible approach to your workload and deadlines, and
- a collaborative and respectful approach to your dealings with colleagues, customers and suppliers.

Importantly, we need you to be a role model of PSMA values and enhance our already impressive team culture.

WHO WE'RE LOOKING FOR: *SKILLS*

To work effectively with PSMA, you'll need the following skills and experience:

Functional Skills

- 5+ years of experience in Linux Administration,
- 3+ years of experience with AWS, Azure, or Google Cloud platform, with a preference for AWS,
- 2+ years of database development and administration experience, with a preference for PostgreSQL/PostGIS,
- Excellent oral and written English language skills, and
- Experience working in an Agile environment.

Desirable Skills

- Experience with Barman Postgres backup system – Highly regarded,
- Automation using Puppet,
- Experience with Backup systems (Commvault, Veeam, CPM),
- Programming Experience, with a preference for Python,
- Experience with Docker,
- Experience with Infrastructure Automation (Terraform/CloudFormation)
- Experience with Networking components Switching/Routing,
- Experience with Continuous Integration tools like BitBucket and ConcourseCI,
- Experience with Atlassian suite of products (Jira/Confluence/Bitbucket), and
- Understanding of Business Continuity and Disaster Recovery principals.

Interpersonal Skills

- Ability to work in a culturally diverse environment,
- Commitment to collaborating across the organisation to improve processes relevant to the successful operation of the company, and
- Role model behaviours that support PSMA Values at all times.

PSMA: JOIN OUR TEAM OF INNOVATORS

PSMA's team of innovators are passionate about providing location data for a digital world.

PSMA actively sources geospatial information from all levels of government and through private sector partnerships. We standardise and integrate the data, assuring its quality, and then transform it into authoritative products that are highly valued by customers. In support of our existing products and services, PSMA is growing a portfolio of APIs for use in internet-connected applications.

We're operating within a rapidly growing data economy, which is increasingly reliant on high quality location data to drive business and government outcomes. That's why we have to continue to demonstrate that we can provide reliable and accurate infrastructure to meet consumer expectations.

To achieve our best as a team while staying strong and united, we're driven by a culture program where our values drive our behaviours.

Are you ready to join us?

Our Values

Passionate about people. We're passionate about making a difference and putting people first in the decisions we make.

Proven knowledge. We have a continual thirst for knowledge, experts who are always looking to learn.

A leader's mindset. We're agile and nimble, leading the way through our innovative and creative thinking.

Respectful collaborators. We're respectful, optimistic and encouraging, celebrating diverse backgrounds and perspectives.