



POSITION TITLE: Senior DevOps Engineer

LAST UPDATED: February 2019

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

The Senior DevOps Engineer works within the Continuous Data Squad. The Squad's purpose is to design, collaborate and execute the technical vision of PSMA's Continuous Data Platform. The purpose of this platform is to deliver trusted location data in a way that enables our customers to seamlessly improve their businesses. On a daily basis you will be involved in helping to solve the problems of tomorrow.

The DevOps Engineer is responsible for evaluating technologies, designing and implementing tools and components to maximise the reliability, flexibility and effectiveness of PSMA's data processing platform. You will work alongside the Product Manager and the Infrastructure Squad to design, build and implement the tools and the processes which will ensure the Data Platform's successful operational capability.

This role is critical to ensuring PSMA's reliable and accessible location data is central to the success of the data economy. This position will provide the successful applicant with many challenges and the opportunity to make a real difference every day, while still having fun.

To effectively deliver quality location related products to the market you will be required to engage with PSMA's stakeholders, as well as internal experts including:

- Developers
- Technical Staff
- Geospatial Analysts
- Iteration Manager
- Product Managers

WHO WE'RE LOOKING FOR: ATTRIBUTES

We need a creative and analytical person who is technically savvy, with a desire to automate and deliver product innovation.

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, effectiveness, 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

- Reliable and flexible approaches to workload and deadlines
- 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

- Strong experience setting up and operating Continuous Integration tools and processes
- Experience using Terraform, Cloud Formation or other Infrastructure as Code tools and practices
- 2+ years of experience using Python, or similar.
- 2+ years of experience with AWS, Azure, or Google Cloud platform, with a preference for AWS
- Experience with Linux administration, shell scripting and automation. Experience running large production systems, giving input and advice into technical aspects, including, but not limited to monitoring, alerting, maintainability, recoverability, and scalability.
- Experience with design and implementation, and the ability to advise on security practices and processes in Cloud environments.
- Experience with Serverless technologies, including Docker, Streams and Lambda functions.
- Experience supporting database systems, preferably PostgreSQL
- High level written and oral communication
- Working autonomously as well as part of a team.

TOOLS WE USE

- Python
- PostgreSQL/PostGIS
- PyCharm
- Docker
- RDS(PostgreSQL), ECS, Lambda, Kinesis, CloudWatch
- sentry.io, logdna.com
- Git and Concourse CI
- JIRA, Confluence, Slack

PSMA: JOIN OUR TEAM OF INNOVATORS

Data was once an abstract idea. Today it's woven through our lives, linking the physical and the digital, informing the choices we make in rapidly evolving social and geographical landscapes.

PSMA Australia is a trusted source of accessible location data, and an independent and self-funded company owned by the governments of Australia.

Promoting innovation is our cause. In the data-driven economy, our data powers new technologies, products and processes, improves productivity and stimulates economic growth.

With a history of collaboration and a culture of shared thinking, we push beyond what we know today to approach new challenges with a fresh perspective.

The result? For businesses and governments, the data required to make better decisions. For our people, the chance to build a meaningful career solving real-world problems.

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.