

# Position Description

## Tech Team Lead



**LAST UPDATED: March 2022**

**LOCATION: Canberra**

### **ABOUT THE ROLE**

You will take the lead in this role and work with the team to design, collaborate and execute the technical vision of Geoscape's APIs and data delivery service. You'll have responsibility for the architectural vision, design and development of frameworks and components that make up Geoscape's APIs and delivery platform. Requirements of the role also include leading the technical direction, encouraging innovation, and delivering trusted location data in a way that enables our customers to effortlessly improve their businesses.

### **WHO WE'RE LOOKING FOR**

A creative problem-solver with strong technical skills, and a desire to deliver the products our customers need.

You'll bring:

- Strong technical design, engineering, and architecture skills
- 5+ years of software development experience,
- 3+ years of web experience
- 2+ years of experience with AWS, Azure, or Google Cloud platform, with a preference for AWS
- The ability to grasp a problem, assess and compare solutions and take action to implement them
- The ability to communicate complex concepts in plain language
- A willingness to own and operate the systems you are building
- A strong working understanding of CI/CD
- An understanding and commitment to working in short cycles, pair programming and delivering product iteratively
- Strong understanding of software paradigms with a focus on Python specific knowledge
- The desire to always learn new skills and techniques, and to share your knowledge with your team

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

### **SKILLS**

We look forward to you providing examples of your skills and experience in:

- Leading and engaging teams to deliver solutions that meet customer needs

- Taking a pragmatic approach to setting, maintaining and improving technical capability, standards and expertise across teams.
- Working with Docker, Terraform and CI/CD tools
- Strong communication, both verbal and written
- Your ability to work autonomously as well as part of a team.

**It would be advantageous but not essential if you have had experience with**

- Both SQL and NoSQL (elasticsearch and DynamoDB)
- Geospatial data
- Web frontend implementation experience using ReactJS or similar
- Machine Learning
- Kubernetes

**Tools We Use**

Some of the tools we use in our day-to-day work include:

- Python
- Typescript
- Elasticsearch
- PostgreSQL/PostGIS
- PyCharm
- Docker
- Terraform
- AWS: RDS, Lambda, S3, IAM, DyanmoDB, OpenSearch, Cognito
- Git, GitHub, Jira, TeamCity

**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.

Geoscape 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.

## 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.

## What We Offer You

- A Respectful, Inclusive and Friendly Workplace
- Clear Expectations and Goals
- Commitment to Professional Development
- An Ambitious and Innovative Culture
- Flexible Working Options Allowing you to Thrive at Work and at Home
- Maternity leave
- Paternity Leave
- Salary Sacrifice Arrangements
- A Family Friendly Environment
- Staff Engagement Processes
- A Doona Day, and
- We Have Fun

## Are you ready to join us?