MATTR Limited
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Senior Site Reliability Engineer

Description

At MATTR we are creating tools to support decentralised identity and verifiable data. We are on the lookout for people that are passionate about emerging technology and thrive in fast paced environments. By joining our team, you will be helping to develop a whole new category of tools that support the next generation of the internet – the web of trust.

The MATTR Platform is designed for global scale. As a **Senior Site Reliability Engineer** at MATTR you will play a pivotal role supporting and maintaining our production and development environments, working with our engineering teams to build cloud services that are secure, reliable, scalable and observable, helping to establish MATTR as a leader in the world of digital trust.

You will be using cutting edge technologies to build and monitor cloud infrastructures, and work with our engineering teams to ensure that our services are appropriately instrumented to enable monitoring and debugging of APIs as required. The solutions you design, and build will support our production and non-production environments to be scalable, reliable, easy to debug and underpinned with an infrastructure as code first principle.

You will be working with your team members on an on-call roster to proactively support and resolve any issues arising in our production environments.

At MATTR we are building the foundations of the digital identity ecosystem, and the security, reliability and integrity of the solutions that we build are of utmost importance to our customers, and therefore to us, and our Site Reliability Engineers provide thought leadership through building exceptional deployment and monitoring tooling with our engineering teams as they build out our cutting-edge cloud services.

MATTR values diversity in the workforce and we encourage candidates from diverse backgrounds, including those with access needs, to apply for our roles.

What you will be doing

- Designing, building, maintaining and supporting cloud infrastructures using Terraform to define our Infrastructure as Code in our AWS environments
- Collaborating with engineering teams to design and build highly automated cloud services that are reliable, scalable, and observable
- Proposing, designing, and implementing strategies to improve the security of our cloud systems
- Work with other SREs to identify components that can be shared across engineering teams to improve productivity, such as developer tooling, build automation, provisioning, logging, monitoring, alerting, incident processes, etc
- Produce clean, consistent and well-organised code to automate infrastructure, builds, deployments and configuration running on the production stack:

    - AWS or other established cloud provider
    - Redis and SQL, cloud storage
    - Elastic Search and Prometheus
    - Kubernetes, Docker
    - NodeJS
    - Terraform, Vault and Consul

- Lead the way in how we design, manage and improve our infrastructure
- Install and configure services in our environments using SRE principles
- Work with the teams by running blameless post-mortems to identify and implement improvements to make our products more reliable
- Work in a “you build it you run it” environment where engineering teams build, deploy, monitor and support their components that they own
- Consult engineering teams in a true SRE way
- Define and implement ways that we measure service operations and support engineering teams to implement monitoring where relevant.
- Providing on-call support of our systems, responding to and resolving issues proactively and efficiently ensuring these issues are being fixed sustainably
- Working with the wider MATTR engineering team, you will be constantly improving our engineering processes, tools and standards
- Becoming a subject matter expert in our systems, and ensuring our solutions are delivering value to our consumers
- You will keep track of industry trends and contribute to our technical roadmap

What are the skills and requirements needed?

You will

- Have 5+ years of experience deploying, configuring, monitoring and supporting distributed production and non-production systems in cloud environments in AWS or other relevant cloud infrastructure and have a strong understanding of security, reliability, scalability and platform management topics
- Have an “automate everything” attitude
- Having strong knowledge in in at least one (scripting) language
- Have expertise in cloud network architecture design and implementation
- Have significant experience with managing applications running on Kubernetes clusters using Linux
- Experience with Terraform, Vault, Prometheus, EKS and a wide range of cloud first tools
- Experienced working in teams that have production infrastructure defined in code using automation, continuous integration, continuous delivery to manage your environments
- Experience with GitHub actions, helm & Flux

- Identifying manual tasks and designing automated tooling solutions to expedite their execution
- Have excellent communications and written skills, and must be able to talk about technology intelligently and passionately to all levels of an organisation including developers, architects and senior management (technical and non-technical)
- Enjoy working in open source / developer communities
- Have strong organisational skills, and enjoy a dynamic and agile working environment

Personal and work ethics

- You are a self-starter who takes initiative, is creative, has high energy, and would thrive in a very dynamic software company.
- You are a team player who is eager to share their findings and contribute to a collective understanding – someone who is super smart and committed to making a difference - but won't trip over their ego when they turn around!

Advantageous (but not essential)

- Awareness of Self-Sovereign-Identity, Decentralized Identifiers and the Web of Trust ecosystem
- Understanding of Oauth2, OpenID Connect and other established authentication and identity management protocols
- Experience building SaaS services & products and promoting them to grassroots developers as well as large enterprises
- Being willing to get hands-on building out demo assets where necessary
- Leadership experience in a development or dev/ops environment

Sounds like you? We would love to hear from you!