Development Operations and Infrastructure Engineer

Location: Philippines or Singapore

Currently two-thirds of the world's population do not have access to radiology services. Lifetrack Medical Systems is a healthtech company that developed and deployed the first scalable, distributed medical imaging software designed for affordable access around the world to help people have access to radiology services.

Our mission is to build simple, elegant, powerful, and intuitive software platforms for the entire healthcare ecosystem. Our LifeSys™ platform is now being used in healthcare in Southeast Asia, South Asia, Africa, the United Kingdom and the United States for hundreds of thousands of patients annually. We are trusted and backed by the Asia Impact Investment Fund of UOB and Credit Suisse, the corporate VC arm of Philips Healthcare, and Kickstart Ventures of the Philippines' Ayala Group.

Lifetrack's growing customer base and upscaling to larger medical group requires us to have an outstanding infrastructure with high reliability, redundancy and that can scale quickly to adapt to our growth. We build our infrastructure to support hybrid cloud setup, multi tenancy as well as single tenancy system for specific customers.

Core Responsibilities

As a Development Operations and Infrastructure Engineer, you will maintain, grow our infra stack, CI/CD pipelines and Monitoring/Alerting system.

You will:

1. work closely with the Director of Engineering in the development of Software enhancement on current applications and tools and ensure effective operations in terms of IT development and its deliverables.
2. Manage, Maintain and Upgrade our infrastructure
3. Design and Implement new cloud infrastructure to serve business needs, optimizing for performance and cost.
4. Simplify and Automate the platform provisioning
5. Setup Monitoring/Alerting Tools and best practices for SRE
6. Train our Solution Engineers and Support team (Tier 1, 2 and 3 Support)
7. Support scaling up our Dev Team by setting up new tools and automate process
8. Document our infrastructure
9. Coach and Mentor peers
10. Attend to weekend call requirement as needed or as scheduled
11. Other related tasks that may be assigned from time to time by the immediate supervisor.

Critical Requirements

The Development Operations and Infrastructure Engineer role requires the following key

capabilities/qualifications:

1. Experience designing and implementing networks, systems and application architecture

2. Hands on experience with either AWS or GCP

3. Strong experience of Linux administration, CLI, shell scripting

4. Good understanding Layer 3 Networking Protocol (IPSec, ICMP…), Application Protocols (DNS, HTTP, SSH…) and SSL/TLS.

5. Experience installing, configuring and maintaining services such as HAproxy, MySQL, Apache/Nginx, PHP, Prometheus, Grafana, NFS, FTP/SFTP, DNS

6. Good understanding and experience with VPN, Firewalls, IDS, IPS, Siem, cloud and on-premise security layers

Additional preference will be given to candidates who meet these criteria:

7. Experience with container technologies such as Kubernetes.

8. Experience with Terraform, Ansible, Chef, Puppet

9. Knowledge of healthcare IT standards (HL7, DICOM) and compliance (HIPAA)

10. Experience with PCI-DSS and/or ISO27001 standards

11. Ability to code in one language (PHP, Python, GoLang, Perl…)

Operating Principles

Purpose-Driven. Being a company with purpose, we also want to have people with purpose- people who are passionate about doing good doing well for a purpose greater than them.

Do it right, from the start. We believe in starting from first principles and putting in the hard work now to avoid more work down the future. Our LifeSys^{TM} platform, built from the ground up, reflects this.

Radical transparency. We want our people to keep growing and improving. Receiving and giving feedback is critical for this. We expect people to be upfront, open and willing to learn from each other.

Crush the bottlenecks. We are always focused on the critical path to achieving results. We expect our members to be relentlessly efficient in clearing the obstacles to this critical path.

Going the extra mile. We like and reward team members who are not only good at their jobs, but will raise their hand and propose projects or solutions that help take Lifetrack forward.