

DevOps Engineer

The diagnostics.ai team is passionate about transforming the face of infection testing. The company is making patients safer with innovative AI, and the first multi-patented product is being used in labs in the USA, UK and India. The DevOps Engineer role is an exciting opportunity for an ambitious individual with a technical flair and strong communication skills to join a fast-growing international company that is focused on making healthcare safer. Use your skills to improve patients' lives with diagnostics.ai.

Job Description: Initial Responsibilities

Support

- For production infrastructure issues locate the problem, classify, solve if possible, escalate if not.
- Solve simple deployment issues e.g. missing package and redeploy.
- Show stopper issues affecting mission critical medical operations, need to be handled at any time, in the rare and unwanted event that they occur.

Deployments

- Maintain our automated continuous integration system.
- Jenkins Administration
- Manage the company DNS

Administration

- Manage all the aspects of IAM in AWS for the company.
- Administrate company servers and services.

Monitor

- Scan the logs of the system, locate and handle issues.
- Monitor internal company communication channels for issues and attend to them.

Reporting

- Report weekly progress to supervisor.
- Report any issue with production environment to supervisor.

Further post-initiation period responsibilities

Implementation

- Create dashboard showing current system statistics including both technical and BI information
- Other CI\CD process

Optimization

- Review, design and implement DevOps process including
 - Automation of code review;
 - Automation of testing and auditing thereof;
 - Automated deployment; and
 - System observability e.g. integrate cloud trails and provide a dashboard for it.
- Other CI\CD processes that will improve our product lifecycle.

Administration

- Integrate authentication solutions for the company and clients as required.

Monitor

- Understand docker logs.
- Understand python tracebacks.

Competencies

- Ability to read and understand technical manuals, find solutions online and follow up on tutorials; ability to understand where the supplied information is incorrect, and contact commercial support.
- Ability to successfully complete online courses.
- Understanding computer networking from an IT perspective (The 7 layers model)

Job requirements:

Entry Level

- Proven ability to create a simple “Hello World” lambda-based web server on Amazon, set up using Cloud Formation
- Knowing commands/basic programming for Linux Bash
- Intermediate level Python or higher
- Experience in IT and networking on the Linux environment
- Fluent English

Preferred

- Jenkins
- Dockers
- AWS Cloud Formation
- Proven experience as a DevOps Engineer
- Good approach to cyber-security
- Kubernetes

How to apply

Send a cover letter and CV (in English) to jobs@diagnostics.ai, the cover letter referring specifically to the above job requirements.