DevOps Engineer Lead

The Lead DevOps Engineer is responsible for overseeing and delivering the highest possible quality of processes and products internally, and to clients. The Lead DevOps Engineer has an integral role in overseeing, creating, stewarding, and maintaining the financial and business quality of the company, the people it serves and the DevOps team. You will be responsible for leading a team of DevOps using DevOps principles, release management and automation best practices.

The candidate will be expected to spend much of their time creating and improving solutions through technologies such as Ansible, Docker, Jenkins, and HashiCorp utilities such as Vagrant, Packer, and Terraform as well as overseeing the building and maintaining both the production environments used by our customers, and our software engineering infrastructure.

KEY RESPONSIBILITIES

- Lead DevOps team providing guidance, priority setting, and skill development.
- As part of the engineering leadership team, engage with leadership team peers to execute company product plan.
- As part of the engineering leadership team, engage with leadership team peers to continuously improve Agile development process execution.
- Automate and continuously improve our virtualized/cloud-based dev, test, and production environments.
- Own, design and manage release and deployment processes and automation across a variety of products, test benches, and teams.
- Own, design and manage continuous integration and delivery environments.
- Troubleshoot complex build and deployment problems and environment issues.
- Designing IT solutions which consider the strategic and technical requirements as communicated by corporate leadership, product, or architectural team members
- Creation and continued maintenance of IT infrastructure for customer solution environments
- Creation and continued maintenance of development infrastructure for corporate solution environments
- Participating and overseeing on-call support procedures

QUALIFICATIONS

- A strong technical foundation in build, release, and infrastructure management (5+ years)
- Strong scripting abilities (Python, shell, etc)
- Proven experience building system infrastructure with infrastructure provisioning tools (Chef, Puppet, etc)
- Prove experience setting up, deploying, and running virtualization systems (VMWare, Xen, etc)
- Proven experience operating cloud infrastructure management and deployments (EC2, etc)
- Proven experience with continuous integration tools (Jenkins, Hudson, etc)
- Experience with application servers, servlet containers, and web servers (Apache Tomcat, Nginx, etc)
- Experience with or strong interest in containerized deployment preferred (Docker)

- Solid understanding of networking infrastructure and protocols
- Experience managing IT environments using the following technologies: Ansible, Chef, Hashicorp Tooling (Vagrant, Packer, Terraform), Docker, AWS, Linux, Windows, OS-X, Redis, PostgreSQL, NginX, ElasticSearch, Nagios, Kibana, Prometheus, Jenkins

ADDITIONAL SKILLS
- Operations team experience preferred
- 4 – 6 years' experience in IT Operations or similar
- Deep familiarity with IT infrastructure solutions and concepts such as: DNS, email, computer networking, web application hosting, database administration, source control management, software configuration management, CI/CD methods
- Experience with documenting and communicating technical concepts to a variety of target audiences
- Familiarity with Scrum and Agile process management best practices
- Adaptability: Adapts to changes in the work environment; manages competing demands; changes approach or method to best fit the situation; able to deal with frequent change, delays, or unexpected events.
- Analytical Problem Solving: Identifies and resolves problems in a timely manner; gathers and analyzes information skillfully; develops alternative solutions; works well in group problem solving situations; uses reason even when dealing with emotional topics.
- Initiative: Volunteers readily; undertakes self-development activities; seeks increased responsibilities; takes independent actions and calculated risks; looks for and takes advantage of opportunities; asks for and offers help when needed.

- Must be a U.S. Person (U.S. Citizen or Green Card holder). This qualification cannot be waived.

EDUCATION
- Must have bachelor's degree in Computer Engineering/Computer Science or related field, or equivalent experience.