Position Title: Linux Site Reliability Engineer (SRE)
Reports to: Director of Technology
Location: Remote (U.S. based)

Job Summary:

VITL is seeking a skilled technologist with a strong background in AWS technologies and expertise with the Linux operating system. The Linux SRE is responsible for building and maintaining distributed cloud solutions that support complex health data initiatives for the Vermont Health Information Exchange (HIE) and VITL. This position will support a team that is building data driven initiatives using Amazon AWS and open-source technologies. The Systems Engineer will also be responsible for building and maintaining systems in alignment with the security controls, governance processes, and compliance measures of VITL's system security planning processes.

Principal Responsibilities:
- Design, implement, and manage distributed cloud solutions.
- Deploy and manage open-source technologies including Linux, Docker, Kafka, Couchbase and Postgres.
- Deploy and manage AWS services such as S3, EC2, VPC, SQS and Lambda.
- Ensure the availability, performance, security, and scalability of services.
- Troubleshoot, diagnose, and resolve issues in support of service level agreements (SLAs).
- Provide off hours support for critical maintenance or problem resolution.
- Develop and maintain patch management routines that ensure alignment with risk management and limit operational impacts.
- Develop and maintain backup routines, ensure consistent backups, and test recovery procedures.
- Implement security and disaster recovery according to established standards policy and guidelines.
- Provide technical guidance and ensure best practices for cloud solutions.
- Collaborate across the technology team to share knowledge that informs optimal service delivery.
- Maintain comprehensive documentation of system configurations, procedures, and troubleshooting steps.

Characteristics of an Ideal Candidate:
- Bachelor's degree in computer science, software engineering or related field of study preferred, relevant industry experience may be substituted for degree requirements.
- 3-5 years' experience working in cloud environments (AWS, Azure, GCP).
- 3-5 years' experience working with the Linux operating system.
- Intermediate knowledge of virtualization and containerization technologies (Kubernetes, or Docker).
- Intermediate knowledge of TCP/IP, VPC and general networking fundamentals is required.
- Proficiency scripting in languages such as Python and Bash.
- Capacity to leverage tools such as NewRelic, Datadog or CloudWatch.
- Capacity to leverage tools such as Kubernetes, Ansible, Git, Ansible, Terraform.
- Direct experience with Kafka, Couchbase, and Postgres is a plus.

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- Experience with HL7, FHIR, Mirth Connect and Rhapsody is a plus.
- Strong aptitude to learn new languages, tools, and frameworks.
- Excellent technical, analytical and project management skills.
- Strong communication and interpersonal skills.

Don't meet every single requirement? Studies have shown that women and people of color are less likely to apply to jobs unless they meet every single qualification. At VITL, we are dedicated to building a diverse, inclusive, and authentic workplace, so if you're excited about this role but your past experience doesn't align perfectly with every qualification in the job description, we encourage you to apply anyway. You may be the right candidate for this or other roles.

Location:
The VITL team is currently working remotely. The ideal candidate will live in Vermont and be available for in-person meetings. However, the Linux SRE position can be performed remotely by a candidate willing to travel as necessary. All VITL employees must live in and work from the United States; VITL's preference is someone located in the Eastern or Central times zones.

Additional:
VITL is committed to the health and well-being of its employees, customers, and community, and requires employees be up to date on COVID-19 vaccinations, as recommended by federal and local health authorities, subject to accommodations provided in accordance with the law. Individuals will be required to submit proof of COVID-19 vaccination, or have requested and received a waiver, as a condition of employment.

VITL is an equal opportunity employer and prohibits discrimination or harassment of any kind. We are committed to compliance with all applicable fair employment practices laws and a policy of equal opportunity without regard to race, gender, color, religion, sex, sexual orientation, gender identity, age, national origin, place of birth, crime victim status, ancestry, physical or mental condition, disability, pregnancy, citizenship or immigration status, status as a veteran, military service or obligation, a positive test result from an HIV-related blood test, genetic information, or any other characteristic protected by such laws ("Protected Characteristics"). VITL's policy of anti-discrimination applies to all terms and conditions of employment, including but not limited to recruiting, hiring, training, compensation, benefits, advancement, and termination of employment. VITL prohibits and does not tolerate discrimination against any employee, applicant, worker, or service provider on the basis of any Protected Characteristic.

Apply:
Interested candidates may apply here
https://app.loxo.co/job/MzA2OC1ocWd2dGx5eXJsc2g2cW1w?t=1706115207654&source_type=web

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