Open Position: Senior DevOps Engineer

Position Summary
Do you want to help solve problems of global importance and work in a small, distributed and collaborative team?

We are part of a global community that is committed to developing solutions to the world’s water problems and developing policy solutions that can improve the lives of people everywhere. We are seeking a Senior DevOps Engineer to support our mission to promote education and research in the water sciences and provide access to community data, modeling, and compute software.

The candidate will report to the Technical Director and will be responsible for maintaining and enhancing current DevOps infrastructure on premise and in the cloud. The candidate will require experience in system design and implementation requiring a high level of technical expertise in a variety of technical disciplines.

Job Responsibilities:

- Lead cloud application and infrastructure deployments for development and production environments.
- Improve infrastructure reliability and implement emerging best practices.
- Provide Subject Matter expertise for the design and roadmapping of infrastructure
- Maintain and advance the capabilities of our CI/CD pipeline.
- Work closely with scientists to transition new and existing R&D software to production infrastructure on AWS or GCP.
- Manage on-premise server infrastructure, user environments, and VPN clients.
- Create and maintain detailed documentation.
- Mentor junior DevOps staff.

Minimum Requirements:

- Strong expertise in least one of Ubuntu, RedHat server systems administration
- Strong Linux bash/shell scripting
- Solid Experience with Docker (Dockerfile, docker-compose) and Kubernetes.
- Experience with AWS (Route 53, IAM, EC2, S3) and GCP (IAM, Compute Engine, Kubernetes Engine).
- Experience with CI/CD pipelines (Jenkins, Travis, Bamboo or TeamCity).
- 4-year technical degree.
- 5+ years professional experience.
- Experience supporting production infrastructure.
- Experience mentoring/training Sysadmin or DevOps staff.
● Occasional Off-hours support.

Preferred Qualifications:
● Experience with Windows Server administration.
● Experience working with Cisco networking.
● Experience with server backup and disaster recovery.
● Exposure to Firewall/VPN.

About CUAHSI
The Consortium of Universities for the Advancement of Hydrologic Science, Inc (CUAHSI) is an NSF funded, non-profit university consortium of more than 130 institutions from the United States and around the world. We are an equal opportunity employer and offer a very competitive benefits package that includes health and dental insurance, paid vacation, disability, and a 403(b) retirement plan. For more information, visit http://www.cuahsi.org.

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