



Senior DevOps Engineer

Location: Berkeley, CA

“The battery is the technology of our time.” -The Economist

Voltaiq's cloud-based Battery Intelligence software platform brings unprecedented data analytics, visualization, and predictive capabilities to any company with a battery-powered business model. Top automakers, consumer electronics, and energy storage companies use Voltaiq to accelerate product development, improve performance, ensure safety and reliability, and secure financing for their products. Our high-powered team comprises PhD scientists, expert data professionals, and battery industry veterans, all passionate about enabling the global energy transition. Voltaiq has offices in Brooklyn, NY and Berkeley, CA, serving customers around the world.

The Role:

At Voltaiq, we receive battery test data from research labs, manufacturers, and deployed energy systems around the world. As our Senior DevOps Engineer, you will be responsible for the availability, security, and scalability of the Voltaiq data platform and web services. You will enable the development of scalable systems for data processing, storage, and access, supporting the data analysis activities of our customers and data science team. You will learn how data is used in battery research and manufacturing, and in the systems of mobile devices, electric vehicles, and the power grid. If you have a passion for automation and scalability, and want to have a positive impact on how the world consumes energy, then this is the job for you.

Responsibilities:

- Design and build scalable deployment automation and continuous integration.
- Manage server instances in AWS cloud.
- Work with customer IT to manage on-premises customer deployments.
- Establish security controls and policies following best practices, and ensure policies are followed.
- Plan, budget, and provision infrastructure to ensure sufficient hardware resources for the application to scale.
- Support development process with dev, test, and staging server environments with continuous integration.
- Coach developers about production and deployment concerns, giving them a framework for developing automation and tools to deploy and manage their code.
- Configure log processing for monitoring, performance, debugging, and business intelligence.
- Build tools and frameworks for operational monitoring and alerts.
- Troubleshoot operational issues to meet uptime requirements.
- Participate in 24x7 on-call rotation for escalations.

Voltaiq, Inc.

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Qualifications:

- Undergraduate or advanced degree in Computer Science or another quantitative/analytical field.
- Technical operations experience running a scalable SaaS application in a Linux environment.
- Passion for relentless automation and ruthless testing.
- Experience with configuration management tools such as Salt, Ansible, Chef, or Puppet.
- Proficiency with scripting languages: Python, Bash.
- Log processing experience using Splunk, Logstash/Kibana, or Grafana.
- Experience with scalable distributed systems deployed on a cloud (AWS, other).
- Experience crafting and implementing security policy.
- Database experience with a variety of databases such as Postgres, MySQL, Redis, ElasticSearch, and Cassandra.
- Experience troubleshooting and conducting root-cause analysis on OS, database, file system, networking, application, and server process issues.
- Experience evangelizing DevOps, influencing and enabling teams to consider and solve production issues upstream.
- Data analysis experience a plus.

Competitive salary plus equity and full benefits. Our development office is located in Berkeley, CA, and we work remotely a couple of days each week.

Voltaiq is an equal opportunity employer and is committed to achieving a diverse workforce through application of its equal opportunity and nondiscrimination policy, in all aspects of employment.