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## AWS Software Cloud Engineer

Shifted Energy (Shifted) is a venture funded, Hawaii-based technology startup working to advance renewable energy integration by managing behind the meter energy loads such as water heaters, thermostats, and EV chargers. Shifted's platform, Grid Maestro, aggregates Internet connected controllers using patent pending software to provide advanced energy management services to electrical grid operators. Shifted operates projects in Hawaii, multiple U.S. cities, and several countries. Shifted operates in the fast growing Demand Response industry providing modern energy services that will be required on nearly every electrical grid worldwide.

This position will lead core parts of Shifted's cloud applications in AWS. Shifted's system, Grid Maestro, manages large data sets and comprises multiple applications that manage these data sets for use in the Demand Response industry. This includes machine learning based forecasting, advanced analytics such as leak detection from electrical telemetry, custom control strategies that balance end user comfort with maximum energy shifting potential, renewable energy optimization such as managing loads to optimally coincide with available wind resources, and API integrations with a large number of partners. Shifted's stack is a modern AWS Serverless system.

### Ideal Qualifications:

- 1-2 years of experience implementing and administering AWS serverless and non-serverless services including Lambda, DynamoDB, API Gateway, EC2, S3, IAM, CloudWatch, and CloudFormation, StepFunctions, Infrastructure as Code (SAM), etc.
- Hands-on experience implementing monitoring, alerting, dashboards, and metrics reporting.
- Experienced in support processes, runbook management, adhering to SLA's, and issue resolution/management.
- Demonstrate a strong understanding of Computer Science fundamentals in data structures, OS, Networking, problem solving, and performance tuning.
- Experience with one or more scripting languages like Python, Bash/Shell, or PowerShell. NodeJS is a plus. Experience with Git/GitHub required.
- OpenAPI Specification experience
- Docker / Container experience
- Data Science / Machine Learning fundamental knowledge is a plus
- Strong technical documentation skills.
- Evaluate new application, infrastructure and cloud decisions in an existing context of applications, infrastructure, standards, current business strategy and future business strategy.
- Able to work around changing product requirements
- Ensure security is integrated into all architecture solutions.
- Ability to work in a fast-paced, team-oriented environment with minimal supervision.
- Participate in a 24x7 on-call rotation.
- AWS Solutions Architect - Associate Certification or equivalent

### Benefits:

- Excellent health/dental/vision/life coverage for employees and their families.

- Stock options in a fast growing, venture funded company.
- Remote work opportunities.

### **Shifted Energy Equal Opportunity Statement**

Equal opportunity for us is more than just words. We are currently 30% female and 60% BIPOC with goals to further increase the diversity of our company. We are also committed to company lokahi (unity/harmony) meaning Shifted Energy, as a company, promoting the welfare of others through donations of funds or time. Ensuring that our business and its practices enhance our community is an integral part of how our company conducts business and is therefore integrated into our work rather than an extraneous effort or activity.

#### **About Us:**

Shifted Energy was born and built in Hawaii with the belief that everyone deserves to be included in the green energy movement. We are a small and passionate team that is performing well above our size. We align ourselves with concepts of aloha being the coordination of mind and heart within each other.

#### **About You:**

Passionate about climate change and the equitable transformation of the green energy economy. You are unafraid to have difficult conversations while maintaining compassion and seeking to understand. You are comfortable working in a startup environment, you have ideas, and want to contribute to the growth of a young company. We are not looking for a rolodex, or the perfect resume. We want someone who believes in the dream of Shifted Energy and wants to be part of something new, impactful, demanding, and heaps of fun.

To apply, please send resume to [careers@shiftedenergy.com](mailto:careers@shiftedenergy.com).