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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 systems, 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.

To apply, please send a cover letter and resume to hire@shiftedenergy.com.