

Software Engineering Intern

Kitu Systems

About this Job

Position Title: Smart Energy Cloud Aggregator- TIP

Kitu Systems provides the intelligent energy communication platform to coordinate the electric grid with millions of distributed energy resources, enabling a cleaner, more resilient, secure and cost-effective energy infrastructure for all.

Kitu sells scalable servers to utilities, cloud services to end customers and service providers, and software stacks to device manufacturers

Kitu Systems enables to end-to-end communication ecosystem, from customer premise devices to utility operation centers. Kitu Citadel is a scalable server licensed to utilities that supports millions of connected devices. Kitu Convoy is a cloud-based platform that delivers communication aggregation services to utilities and energy management services to residential and business customers (for example monitoring, load management, EV charging management). Kitu Spark is a family of embedded software platforms sold to device manufacturers and enabling them to quickly and efficiently comply with the latest energy communication standards.

Kitu Systems is seeking engineers to help develop our DER (Distributed Energy Resource) Aggregation System, a key component in the future of managing solar and battery devices in the electrical grid.

Participants in this project will:

- have the opportunity to work with exciting technologies such as NodeJS, message queuing systems, MySQL, Gulp, and Mocha
- work with a team of senior engineers who will provide guidance on development tasks
- participate and gain experience in architecture and design decisions
- learn about and develop code to interface with the IEEE 2030.5 Smart Energy Protocol

SKILLS/REQUIREMENTS:

- Experience developing Javascript
- Experience using Linux based operating systems
- Candidates must be able to work a minimum of 20 hours per week

PREFERRED SKILLS:

- Experience with Git configuration management
- Experience developing in NodeJS
- Experience with MySQL

To apply, please send your resume to jobs@kitu.io.

About Kitu Systems

Kitu Systems solves the complex information and communication technology challenges for utilities, installers, and system owners to enable the distributed, interconnected, and intelligent energy network of the future. Our solutions address distributed energy resources, including PV and battery storage, as well as electric vehicle charging infrastructure and vehicle-to-grid connectivity. We believe they need to be managed consistently and securely, using standard-based platforms and applications that seamlessly interoperate with each other. We believe in connecting intelligent energy. Kitu Systems provides robust and scalable IoT software, platforms, and applications connecting intelligent energy. Our end-to-end solutions serve markets such as electric vehicle charge management, distributed energy control and monitoring (solar, wind or battery), smart appliances, and load management. Our entire portfolio is based on open standards, providing ease of integration, architecture flexibility, and interoperability across multiple physical and logical layers without compromising on security. Our customers include utilities, enterprises, smart device manufacturers, and automotive companies. We partner with industry leaders in the fields of DER management, EV supply equipment, and cloud technologies to deliver cost-effective and reliable turnkey solutions to our customers.

Location

3760 Convoy Street, San Diego, California 92111, United States

Compensation

TYPE

Paid

PAY RATE

\$12.00 Per hour

DURATION

Temporary / Seasonal

Company Details

INDUSTRY

Utilities and Renewable Energy industry

COMPANY TYPE

Private company

HEADQUARTERS

3760 Convoy Street, San Diego, California 92111, United States