Backend Software Engineer

About NeoCharge

NeoCharge is an up and coming clean technology company focused on enabling easy and affordable electric vehicle (EV) charging access. NeoCharge's flagship product, the Smart Splitter, saves electric vehicle drivers multi-thousands of dollars on the installation of charging at home.

NeoCharge has won world class awards from CalTech, the State of California, and the LA Cleantech Incubator and is currently building an integrated software platform that will reward EV drivers for utilizing cleaner energy from the electrical grid.

Job Description

As a Backend Engineer at NeoCharge, you will be working with a quickly growing engineering team to develop grid tie applications. At NeoCharge, our goal is to provide any relevant information to utilities and to make it easier for our users to choose to use cleaner energy for their day to day demands. To do so, we will be creating an API to provide analytics and control to utilities as well as integrating software APIs to automatically reduce load on the grid through NeoCharge Smart Splitters.

Responsibilities

- Collaborating with Stakeholders and other team members to engineer scalable back-end systems to support frontend applications, B2B and B2C integrations, and device connectivity
- Designing and implementing resilient APIs and microservices, message/event queues, and other integration points
- Designing and implementing end-to-end system monitoring solutions
- Documenting application and architecture changes, making architecture recommendations to support planned Platform growth
- Troubleshooting Production issues

Requirements

- Understanding of and experience in developing IoT solutions in a SaaS environment
- AWS Cloud services like Amplify, Lambda, API Gateway, and hosting applications on EC2 Linux infrastructure.
- Developing in a distributed, event-driven microservices architecture
- Object/document and relational databases like MongoDB, Elasticsearch, DynamoDB, mySQL, PostgreSQL
- Linux-based operating systems, bash, ssh, sftp
- Network protocols like HTTP/S and WebSockets
- Developing and integrating with RESTful APIs using HTTP/S data exchange formats like JSON and SOAP
- Experience with source code/build/deploy processes and tools like Git, Gitflow, Maven, Jenkins, CI/CD
- Object oriented analysis, modeling and design
- Containerization solutions, like Kubernetes, Docker
- Ability to define and evangelize modern software patterns and industry best practices
- Strong communication and collaboration skills
- Pluses:
    - Experience with APIs and open source protocols, especially OCPP for EV Charging, OpenADR, etc.
    - Web and mobile technologies like angular, react, react native, react redux, npm, webpack, Bootstrap, CSS, HTML/5, single-page applications
    - Expertise in data and analytics or machine learning
    - Experience designing and implementing a high dataflow system for performance, scalability and cost

To Apply:

Please send your resume and why you are interested in the opportunity to jobs@getneocharge.com with reference to the position you are interested in applying for.