



Position: Sr. IoT Gateway Developer

About us

Arka energy is focussed on changing the paradigm on energy. Arka focusses on creating innovative renewable energy solutions for residential customers. With its custom product design and an innovative approach to market the product solution, Arka aims to be a leading provider of energy solutions in the residential solar segment. Arka designs and develops end to end renewable energy solutions with teams in Bangalore and in the Bay area.

The job

The IoT Gateway Developer is a passionate energetic individual, who is proficient with Python, Linux, and Connectivity. Your primary focus will be on developing a stable gateway's applications that supply connectivity to a local mesh network and wired network in residential solar application and connect IoT-based devices to the cloud. You will ensure that these components and the overall application are robust and easy to maintain. You will coordinate with the rest of the team working on different layers of the infrastructure. Therefore, a commitment to collaborative problem solving, sophisticated design, and quality product are important.

Key duties and responsibilities

- Develop and refine engineering requirements based on marketing and user needs
- Lead design and implementation of embedded software systems
- Peer-review software designs and source code
- Establish and execute test procedures for software applications and subsystems
- Analyse and enhance efficiency, stability and scalability of system resources
- Lead agile project teams through the new product development process
- Drive continuous improvement of development operations (DevOps)
- Effectively manage a technical team and provide technical guidance to achieve cost, performance, and schedule requirements

Qualifications

- Strong proficiency in Python.
- Strong proficiency in Linux application development.
- Experience in source control (Git).
- Experience in open-source gateways like RaspberryPi, and commercial gateways.
- Experience in AWS / Azure / Other IoT Cloud Platform
- Good understanding of computer science concepts.
- Experience in unit testing
- Knowledge in Debugging
- Documentation of the Work
- Bachelors degree with at least 7 year's experience, or Masters with at least 4 years experience or PhD in electrical, computer or other appropriate engineering discipline

Other TOOLS we prefer you to have

- A familiarity with Connectivity Technologies like BLE, Wifi, RS485, sub 1 GHz
- Working knowledge in other programming languages.
- Working knowledge of C/C++.
- Experience with python design patterns
- Experience working in the solar industry or in an IoT enabled tech-company.
- Worked in a Startup environment or willing to join a Startup



Key Benefits

- Competitive development environment
- Engagement into full scale systems development
- Competitive Salary
- Flexible working environment
- Equity in an early stage start-up
- Patent Filing Bonuses
- Health Insurance for Employee + Family
- Life Insurance for Employee