

Advertisement for the Position of Applications Engineer in the Research Project

Job Summary

Indian Institute of Management, Ahmedabad is leading the consortium for developing a P2P energy trading project using blockchain as an underlying technology. The product is in final stages and now needs to be tested for right business models, exploitation and pilots. We are looking to engage a research associate having hands on experience of deploying IT products for Smart Grids. This is a field role and you would be handling deployment, conducting UAT, **troubleshooting networking related and integration related** issues as a part of POC demonstrations. This is a mission critical role, and requires a very dedicated and capable individual who is flexible, is a problem solver, and is able to adapt to a dynamic work environment with fast changing product requirements, and consumer priorities. You would be reporting to the PI of the project or any person nominated by him.

Responsibilities and Duties

- Support with field activities during POC testing, integration between hardware and software, networks troubleshooting and exception handling of issues during deployment.
- Setup network connectivity (Wifi, GSM), perform integration with any third party tools / programs. Work on making necessary changes to the product and deployment environment so as to be able to integrate multiple software and hardware smart grid elements such as inverters, energy meters, data loggers etc. and our smart plugs and controllers.
- Create consumer awareness about emerging technologies for demand side energy management such as P2P Energy Trading, Demand Response, Flexibility Aggregation etc.
- Gather and evaluate user feedback. Create technical documentation for reference and reporting

Required Experience, Skills and Qualifications

- Hands on knowledge of system administration, networking engineering, LAN/WAN troubleshooting, Firewall settings and IP configuration issues etc. and using Open source and Cloud applications is expected.
- Experience in Power Engineering and Electronic prototyping using platforms like Arduino, Raspberry Pi etc. is highly desirable
- Working knowledge of Smart Grids, Energy Metering infrastructure, and IT technology applications in power sector, with a focus on IoT and software/hardware products for Smart Grids is desirable.
- Must be a Diploma / B.Tech in Electrical Engineering, Computer Science, Mechatronics or Instrumentation Engineering with 2-3 years experience.
- Ability to learn new languages and technologies. Resourcefulness and troubleshooting aptitude.

Others

- Occasional domestic travel to other regions may be required. Necessary arrangements will be made by the institute when such a need arises.
- **Applications may be sent to ijgarshah@iima.ac.in until Feb 28, 2021.** We would prefer someone who can start immediately at Kolkata.
- Please clearly mention '**Application for the position of Applications Engineer**' in the subject line.

- We will only contact candidates shortlisted for an interview. We will not send out letters of rejection to other applicants. Emails asking for status updates will not be entertained.