



## Job Description

<b>Position:</b>	Senior Systems Engineer
<b>Directly reports to:</b>	Software Development Manager
<b>Reports (dotted-line) to:</b>	None
<b>Direct reports:</b>	None but mentoring of other engineers expected
<b>Regularly interacts with:</b>	Internal: <ul style="list-style-type: none"> <li>• Software Development Manager</li> <li>• Software Team Members</li> <li>• Hardware Team Members</li> <li>• Test Team Members</li> <li>• Product Manager</li> <li>• Project Manager</li> </ul>
<b>Primary location:</b>	Milton, Cambridge
<b>Travel requirements:</b>	None
<b>Role description/primary responsibilities:</b>	As Systems Engineer you will be required to: <ul style="list-style-type: none"> <li>• Practical experience of designing, developing and debugging distributed systems and enterprise applications</li> <li>• Working with Product Management and R&amp;D to create requirements and product features for our large scale customers</li> <li>• Create and maintain product backlogs and priorities the backlog items discussing with various stakeholders</li> <li>• Working with development team to ensure requirements are clarified on a day to day basis</li> <li>• Take technical leadership of IOT infrastructure and become an expertise with the current architectures developed in the company</li> <li>• Understanding the delivery timelines with project management</li> </ul>
<b>Experience and skills required:</b>	Essential skills and experience: <ul style="list-style-type: none"> <li>• Minimum 4 years' experience as a System Integrator</li> <li>• Wide knowledge and practice of data structures and algorithms</li> <li>• Experience and knowledge of unit and functional testing and advocate of test driven development</li> <li>• Practiced user of configuration management tools</li> <li>• Experience working in an Agile environment</li> <li>• Experience in networking domain TCP/IP, UDP</li> <li>• Experience working with AWS or any similar cloud services</li> <li>• Experience working in Java/Embedded platforms</li> </ul> Desirable skills and experience <ul style="list-style-type: none"> <li>• Knowledge of electricity metering protocols such as DLMS</li> </ul>

	<ul style="list-style-type: none"> <li>• Experience of “Internet of Things” and Smart Cities</li> <li>• Experience and knowledge of design methodologies; waterfall, agile, scrum</li> <li>• Ability to interface with other companies and staff on a technical basis</li> <li>• Knowledge and experience of Python programming language</li> <li>• Experience and knowledge of common protocols and protocol design experience</li> <li>• Experience of ISM band radio/Zigbee/IEEE 802.15.4</li> </ul>
<b>Personal attributes:</b>	<ul style="list-style-type: none"> <li>• Enjoy working within a “start up” culture</li> <li>• Highly motivated to succeed</li> <li>• Strong long term commitment to making the company a success</li> <li>• Ability to work under pressure and to tight deadlines</li> <li>• Attention to detail and driven by quality</li> <li>• Able to switch between several tasks efficiently</li> <li>• Calm under pressure</li> <li>• Relish technical challenges</li> <li>• Self-starter</li> </ul>
<b>Working environment:</b>	Open plan office
<b>Qualifications:</b>	Required: Degree or equivalent in science or engineering Preferred: Higher degree or equivalent in science or engineering
<b>Date document compiled:</b>	April 2021

This Job Description, along with any set objectives, form the basis of the position and will be used to manage the employee who carries out the role. In addition or as an alternative to the ‘normal’ responsibilities as described, the employee may from time-to-time be required to undertake, on a temporary or regular basis, additional duties within their capabilities as the needs of the Company's business may require.