CYANCONNODE

Job Description

Position:	Senior Embedded Software Developer
Directly reports to:	Software Team Leader (India)
Reports (dotted-line) to:	none
Direct reports:	None (but mentoring of other engineers expected)
Regularly interacts with:	Internal: • Software Team Leader • Software Team Members • Hardware Team Members • Test Team Members • Product Owner
Primary location:	Delhi, India
Travel requirements:	None
Role description / primary responsibilities:	As Senior Embedded software Engineer you will be required to: • Take technical ownership of electricity meter protocol development for the Omnimesh platform • To work with the Systems Integration team to integrate new metering devices • Provide technical leadership for junior team members
Required Skills and experience	**Essential Skills and Experience** • Minimum 10 years experience of using embedded C in systems with limited resources • Minimum 5 years experience working with smart metering devices • Experience working on a Linux (UBUNTU) environment • Experience of IS16444/15959 DLMS specification and the implementation of this specification on embedded devices.

	• Wide knowledge and practice of data structures and algorithms used in smart metering applications • Experience and knowledge of unit and functional testing and advocate of test driven development • Experience working with version control systems (ideally GIT but SVN may be considered) • Experience of scripting languages such as Python.
Desirable Skills and Experience	• Experience of "Internet of Things" and Smart Cities • Experience and knowledge of design methodologies; waterfall, agile, scrum • Ability to interface with other companies and staff on a technical basis • Experience of ISM band radio / ZigBee / IEEE 802.15.4 • Experience of MESH networking. • Experience of MSP430, H8, 8051, PIC, 68HC12, Cortex M0/M3
Personal attributes:	• Enjoy working within a 'start up' culture. • Highly motivated and determined to succeed. • Strong long term commitment to making the company a success. • Ability to work under pressure and to tight deadlines. • Attention to detail and driven by quality. • Able to switch between several tasks efficiently. • Calm under pressure. • Relish technical challenges. • Self-starter.
Qualifications:	Required: Degree or equivalent in science or engineering. Preferred: Higher degree or equivalent in science or engineering.