

2018-SW-01 : R&D Engineer (IOT & Cloud)

Monday, April 2, 2018 5:38 PM

Job Responsibilities:

Primary responsibility for this role is to develop embedded applications for cloud connected solutions. Job responsibility include design, development & testing of firmware code, evaluate different technologies components and develop cloud dashboards and web interfaces. Should be able to design and implement end to end product and solutions. At this role you may be required to showcase quick prototypes for idea demonstrations and exhibitions. Developing IOT solutions require thorough understanding of communication interfaces, transport protocols, cloud platforms and sensor end devices.

Candidate should be a flexible and quick learner of new technologies and should be able to adapt to a growing and rapidly evolving environment. Candidate should have strong analytical and problem solving skills. Candidates with experience on multiple IOT products & cloud platforms are preferred.

Programming skills:

- Strong C, C++ & Python programming skills
- Experience working with sensors, interfaces and peripheral drivers
- Understanding of secure connection layers & cloud security (IAM)
- Experience working with AWS, Azure & Google cloud
- Experience in location services & cellular connectivity based solutions
- Experience in Bluetooth, Wi-Fi and IOT Gateways IOT experience:

- Minimum 2 years of experience working on IOT product development
- Strong microcontroller programming skills
- Sensor Interfaces (I2C, SPI, SDIO)
- Communication Technologies (BLE, Wi-Fi, GPS, Cellular)
- Experience in REST API, JSON, MQTT & LWM2M
- Arduino & ARM-Mbed development platforms

Other desirable skills:

- Java/Android development experience
- Linux development experience

Experience: 2 to 4 years

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