



Senior Staff Engineer

Job description

- Embedded system software development.
- Development of IoT protocols and middleware components that works on top of TCP/IP network stack with various RTOS based environment.
- Implement software that helps IoT device to connect to IoT cloud servers.
- Implement voice/audio/streaming middleware.
- Own independent software feature and deliver a quality software features on time.
- Help junior engineers on need basis and contribute to continuous improvements.

Profile

- 11+ years of experience with B.Tech or a Master degree.
- Experienced in embedded system software development for resource constrained platforms.
- Must understand OS concepts of: threads and process, IPC, DMA engines, interrupt handling, timers, race conditions, etc.
- Working knowledge of TCP/IP based networking stack and IoT protocols such as MQTT, AMQP, HTTP, CoAP, etc. is desired.
- Working experience with mbed TLS, crypto, audio/voice and streaming middleware development is desired.
- Strong analytical, diagnostic and problem solving skills. Familiar with embedded debugging.
- Proficient in C/C++.
- Proficient in RTOS, IPC, multi thread programming, socket programming.
- Experience in Python, shell scripting.
- Experience in Agile development methodology.
- Experience in development of IoT products and knowledge of Wi-Fi and Bluetooth/BLE
- Bachelors or Masters in Computer Science / Electronics / Electrical Engineering
- Strive for excellence
- Team up for best results
- Drive value through innovation
- Foster your talents
- Trust and respect others

At a glance

Location: **Bangalore (India)**
Job ID: **318432**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **318432**
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Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Medclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

