



Staff Engineer Software

Job description

We are hiring talented engineers with 5+ years of experience in software design and development for embedded platforms with strong analytical and problem solving skills and proficiency in C programming. Join us to work on design and development of Bluetooth Host stack, LE Audio protocols and other middleware components and applications for our latest Bluetooth/BLE products.

- Design & implement embedded libraries to access peripheral interfaces such as I2S, SPI, UART, I2C, etc.
- Bluetooth profile libraries to support various BT/BLE applications.
- Maintain and support Bluetooth Stack for existing chips and solutions by patching ROM code to implement enhancements and fix issues.
- Work with Applications team and customers to help productize.
- Pre-Tape out verification and debugging of BTSTACK on FPGA.

Profile

- 5+ Years of work experience
- Very good programming skills using C, C++, python
- Multi-threading techniques, pitfalls and practices and exposure to RTOSs & Linux.
- Strong analytical, diagnostic and problem solving skills, especially with limited embedded resources like GPIOs and UARTs.
- Experience with any communication protocol, especially Bluetooth/BLE Host stack Protocol or BT Profile is an advantage.
- Familiarity with UART, SPI and other interfaces will be nice.
- Familiarity with git or other version control tool, JIRA, etc., tools will be very helpful.
- Bachelors or Masters in Computer science engineering or Electronics & Communications engineering.
- Good communication skills and ability to work in team.

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,

At a glance

Location: **Bangalore (India)**
Job ID: **332922**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

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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.

