



Staff Engineer, Software & Firmware

Job description

We're looking for energetic, enthusiastic and driven engineers excited about 802.11 wireless networking (WLAN/WiFi), IOT network protocols and embedded systems.

- You will develop the latest WiFi features and 802.11 protocols as specification.
- You will be involved in low level hardware bring up and debugging of the firmware and network device drivers on Linux OS.
- You will work on various aspects of the SW lifecycle including pre-tapeout requirements analysis and qualification, chip SW design and development, bring up and feature development leading to production SW releases.

Profile

Must have:

- Strong C programming skills.
- Strong experience in the embedded domain.
- Deep knowledge on RTOS fundamentals, dma, interrupt handling, timers, memory virtualization, user/kernel space, race conditions.
- Knowledge of ARM architecture, ARM assembly.
- Be a quick Learner and ability to ramp on any new technologies.
- Ability to guide junior team member on all technical aspects.
- Previous experience on SW Architecture definition.

Preferable:

- Experience in Protocol development like WLAN/BT/LTE is preferable.
- Experience in wireless protocols, systems analysis, 802.11 MAC, Linux internals such as device drivers, networking interfaces, QoS and the TCP/IP stack is preferable.
- Knowledge of hardware bus interfaces like USB/SDIO/PCIE is good to have.
- Hands on knowledge of kernel configuration, build, packaging, install and initial system bring up including boot loading.
- Must have great communications skills and quick learning capability, willing to be involved in development efforts with our direct customers, helping in their design, development, debugging and release phases.

Benefits

At a glance

Location: **Bangalore (India)**
Job ID: **330785**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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Contact

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- **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; Mediclaim (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.

