



Senior Staff Software Engineer

Job description

The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

As a member of the WLAN MAC firmware team, you will play a key role in the architecture definition, design, and development, of various protocols of the WiFi MAC layer as defined in the 802.11 standards family.

- Design, development, and deployment of 802.11 MAC features (standard and proprietary) on Infineon's WLAN (WiFi) chipsets.
- Work through solutions involving end to end silicon life cycles-architecture definition to solution delivery.
- Work with various cross functional teams including but not limited to host software, systems and RTL design teams.
- Analyze, debug and resolve all MAC issues that may be seen across different internal validation platforms and external customer platforms.

Profile

You are best equipped for this task if you have

- Strong C programming skills.
- Strong experience in embedded software development
- Strong debugging skills
- Working Knowledge of ARM architecture.
- Familiarity with IEEE 802.11 protocol standards
- Experience working in any wireless communication chipset.

At a glance

Location: **Bangalore (India)**
Job ID: **336728**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

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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.

