



## Senior Staff Engineer Software

### Job description

Candidates with expertise in design and development of embedded system software here is an opportunity for you.

- To design and develop embedded system software.
- Design and development of crypto drivers and integration for various security use cases.
- Interacting with Marketing and Applications team and identifying requirements.
- Pre-silicon development on FPGA working closely with chip design team.
- Bring-up of new chips and Platforms.

### Profile

- 10+ years of experience or 6+ years of relevant experience in Embedded system design and development.
- Expertise in following domains
  - ARM Cortex – M architecture and Programming.
  - ARM Security model and Trustzone architecture.
- Pre silicon development on FPGA platforms.
- Strong Expertise in Crypto algorithms – SHA256, SHA512, AES, RSA, ECDSA, TRNG Mbedtls, PSA Crypto, Secure boot.
- Device driver development
- Proficient in C/C++.
- Proficient in RTOS and Linux
- Experience in Python, Shell scripting.
- Experience in Agile development methodology.

### 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; Mediclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion

### At a glance

Location: **Bangalore (India)**  
Job ID: **327304**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

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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.

