

# Driving decarbonization and digitalization. Together.



## Senior Applications Engineer

### Job description

We are looking for professionals for Firmware development using C/C++ on ARM and 8051 microcontrollers (Bare metal and RTOS based).

In your new role you will:

- **Firmware development** using C/C++ on ARM and 8051 microcontrollers (**Bare metal and RTOS based**).
- **Debugging** technical issues on embedded hardware, firmware and software, reporting product defects and providing work arounds.
- Defining **customer and internal solutions**, from schematic reviews to firmware development.
- Generating high quality **customer collaterals** - Application Notes, Knowledge base articles and other documentation.

### Profile

You are best equipped for this task if you have:

- Bachelors / Masters in Electronics/ Instrumentation /Computer Science preferred
- Decent understanding of embedded systems.
- Experience in firmware development in C for embedded systems / development of projects using microcontrollers.
- Understanding of hardware components and ability to understand schematics.
- Good verbal and written communication skills.

### 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, Spoothi – 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

### At a glance

Location: **Bangalore (India)**  
Job ID: **HRC0642808**  
Start date: **Jun 03, 2024**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0642808**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

[Shavin.Shashidhar@infineon.com](mailto:Shavin.Shashidhar@infineon.com)



# Why Us

## **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

## **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

