

Driving decarbonization and digitalization. Together.



Senior Engineer

Job description

In your new role you will:

- Participate and contribute to requirements elicitation and definition phase of the project
- Develop Test Strategy and institutionalize the methods and related templates to enable the usage of the tools and test equipment wherever required/possible
- Envisage, implement, institutionalize and maintain the Test methods and infrastructure for validating MCAL device drivers (e.g. automation to improve quality and efficiency in terms of cost and time) / SafetyLibrary
- Evaluate change requests to products, conduct analysis and derive impact for planning by team
- Conceive and develop validation infrastructure for topics in own responsibility
- Support CoC Head with work breakdown structure and estimates
- Conduct reviews of various artefacts [Test Specifications, Scripts, Quality Reports] and recommend necessary actions

Profile

You are best equipped for this task if you have:

- Embedded system software development/Validation in C, assembly languages & SDLC
- Good knowledge of Microcontroller Architecture (16/32bit), real-time systems
- Experience in standards such as AUTOSAR, IEC61508, ISO26262 is desirable
- Acquaintance with development/Testing tool-chains such as GNU, Tasking, WINDRIVER
- Good working knowledge of debuggers such as PLS, Lauterbach etc.
- Proven ability to work with standard lab equipments - oscilloscopes, logic analyzers, power benches etc
- Good team player in a multi-site work environment

At a glance

Location: **Bangalore (India)**
Job ID: **HRC0735198**
Start date: **Jul 01, 2024**
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0735198**
www.infineon.com/jobs



Contact

Gowri.Shenoy@infineon.com



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

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.

