

# Driving decarbonization and digitalization. Together.



## Principal Engineer Software Concepts for Automotive Safety Software(f/m/div)\*

### Job description

Software architecture with experience on microcontroller

In your new role you will:

- A degree in technical studies like Computer Science, Electrical Engineering or Information Technology, preferably a PhD
- At least 6 years of professional experience in the field of automotive and embedded software engineering, especially 2 - 3 years in automotive safety software  
Profound knowledge with different CPU cores like RISC-V, Tricore, ARMetc.
- Proven ability to take leadership in you field of expertise
- Experience on functional safety software concepts & standards likeISO26262 and ISO21434
- Good communication & collaboration skills in English

### Profile

You are best equipped for this task if you have:

- Define the top-level software architecture optimized for Infineon automotive microcontroller
- Be the key player for the definition of features and related software requirements in the area of embedded automotive safety software
- Drive hardware/software co-design for new microcontroller platforms
- Take ownership for the definition and execution of proof of concepts
- Lead and conduct technical benchmarking activities
- Participate as technical expert with our software partners

### 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,

### At a glance

Location: **Bangalore (India)**  
Job ID: **HRC0408502**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

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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.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

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

More about diversity & inclusion at Infineon at <https://www.infineon.com/cms/en/careers/diversity-and-inclusion/>

