

Driving decarbonization and digitalization. Together.



Principal Engineer Software

Job description

In your new role you will:

- Develop and implement a comprehensive **software validation and testing strategy** for Ultra Wideband technology.
- Lead a small team of test engineers responsible for **developing and executing** test cases and test plans.
- Collaborate with developers, product managers, and other stakeholders to ensure alignment on testing requirements and priorities.
- Work with cross-functional teams to ensure that appropriate testing methodologies are implemented throughout the product development lifecycle.
- Develop and maintain test automation tools and processes to increase efficiency and reduce manual testing efforts.
- Ensure that all testing activities are executed in a timely and effective manner, with a focus on delivering high-quality products to our customers.
- Monitor and analyze product performance data to identify and address quality issues.
- Implement and maintain testing metrics and KPIs to track progress and measure success.
- Stay current with industry trends and advancements in Ultra Wideband technology and software testing.
- Provide regular status updates to senior management on testing progress and results.

Profile

You are best equipped for this task if you have

Bachelor's degree in Computer Science, Electrical Engineering, or related field. Master's degree preferred.

At least 10 years of experience in software testing and validation, with a focus on **Ultra Wideband technology** or any equivalent **wireless technology**.

Deep understanding of software testing principles and **methodologies, including test automation and CI/CD**.

Experience with test automation tools, and Jenkins.

Strong knowledge of Ultra Wideband technology and its applications.

Experience managing and leading test teams in an agile **development environment**.

Strong problem-solving and analytical skills.

Excellent verbal and written communication skills.

Experience working with remote teams and stakeholders.

At a glance

Location: **Bangalore (India)**
Job ID: **HRC0676078**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

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Experience with project management tools, such as JIRA or Trello.
Experience with creating and managing labs for RF based testing.

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.

