

# Driving decarbonization and digitalization. Together.



## Staff / Senior Staff Engineer- Design Application Engineering

### Job description

Are you an engineer who is passionate about making a significant impact? Create a tailor-made environment for your project's IC development by customizing the tools, libraries, and methodologies.

In your new role you will:

- **Design Environment Setup:** Set up the design environment for projects by customizing tools, libraries and methodologies for IC development.
- **Issue Resolution:** To solve tool and methodology issues for the project team, find automation opportunities, and work with the flow development team and EDA vendors for solutions.
- **Collaboration with Flow Development Team and EDA Vendors :** Work with the flow development team and EDA vendors for flow/tool enhancement.
- **Design Productivity Improvement:** Continuously improve design productivity by identifying optimization areas and implementing automation solutions.

### Profile

You are best equipped for this task if you have:

- **Qualifications:** Possess a bachelor's degree in electronics engineering and worked in **Function Verification** field.
- **Verification Experience:** With experience in system-level simulation, SoC verification, and functional verification (Able to verify analog mixed signal designs as an advantage)
- **Verification Tools:** Be proficient in industry-standard verification tools like Xcelium, Jasper, vManager, Perspec, and Zebu for emulation-based simulation. (Knowing all tools is an additional bonus)
- **Design Languages:** Skilled in **C++, SystemVerilog, VHDL/Verilog**, and e-Language for creating and simulating complex designs.
- **Test Bench Qualification:** Experienced in using Certitude for test bench qualification to ensure reliability and accuracy.
- **Script Programming:** Exposure to C, Perl, and Python for automation and customization.
- **Computer Skills:** Knowledge in IT infrastructure related to LSF farm and Unix system.

### At a glance

Location:

Job ID: **HRC0712065**

Start date: **Jul 15, 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: **HRC0712065**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- Team Player and Communication Skills: Strong teamwork abilities and good communication skills.

## 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.

