



Staff CAD Engineer

Job description

The primary role for this position is to develop SW modules to A. Define the methodology to define test vectors at IP level and promote them systematically to chip level using automation and HOTO design information, making the IP level patterns portable. B. Work with PE teams to customize vector conversion flow for ATE (based on platform configuration). C. Work with methodology teams for DFT implementation, may extent to R2G flow overall. 1. Own test vectors promotion methodology and SW to perform the conversion from IP level to full chip, with existing collaterals. Develop, enhance and support the module for all platforms. 2. Own test vector conversion from internal format to ATE format – work with TE team to design, develop, support and enhance the flow/program for all platforms. 3. Flow development and sustain and enhance general DFT area under the guidance of methodology team. For SW planning, development and support, the person needs to interface design teams (vector promotion, DFT), test engineering team, methodology teams for DFT. For running projects, presenting to various technical and management review boards will also be required.

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Profile

At a glance

Location: **Bangalore (India)**
Job ID: **332858**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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- Bachelors in Computer Science or Masters in Computer science.

Minimum of 4 years with Bachelor degree, or 3 years with Master degree.
Good grasp on perl language, working experience in object oriented perl is a plus.

Design experience of multi-file software module in any of the object-oriented scripting language like perl, ruby, python

Basic knowledge of chip development flow, especially DFT area is preferred

Mindset for automation of regular and not so regular activities, and always looking for those opportunities.

Problem solving capability to solve complex and multi-disciplinary problems

Ability to debug and resolve others issues in the given areas.

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; Mediclaim (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

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

