



## Senior Specialist Software & Firmware Engr

### Job description

In your new role you will:

- Guide team technically on various System Modelling Topics
- Take part in making technical road map for System Modelling team and provide technical direction
- Guide flows/methodology for design team in System Modelling Domain
- Work with the team to create a common **SystemC** library/methodology to be used across BUs
- Lead the effort to create the common methodology architecture across all BUs
- Take tasks hands-on and create examples for the team

### Profile

You are best equipped for this task if you have:

- Bachelor's/Master Degree in Computer Science, Electrical/Electronic Engineering
- Atleast 5+ years of experience in System Modelling domain developing virtual prototyping solutions

Required Skills:

Must:

- Understanding of **Microprocessor, Microcontrollers, SOC architecture**, bus protocols etc.
- Experience in developing **SystemC/TLM/C++** based models for the Virtual platform of a SoC
- Strong C++ development and debugging skills using popular IDEs/debuggers.
- Proficiency in **C++, OOPS, STL**, data structures, algorithms and programming concepts.
- Knowledge of Architecture Exploration & Performance Modelling

Desirable:

- Experience in **ESL tools** like Virtualizer, Platform Architect, etc.

### At a glance

Location: **Bangalore (India)**  
Job ID: **352448**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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- Experience in Architecture Exploration & Performance Modelling
- Experience working with co-simulation environments between Virtual Platforms (SystemC) and **HDL/FPGA** etc.
- Familiar with Multi Core debugging frameworks.
- Proficient with Microcontroller debugging skills (Lauterbach, PLS etc).
- Knowledge of popular embedded processors, e.g **Intel, ARM, MIPS** etc.
- Experience of using Keil/or any other debugger.

## 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

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