



## Senior Staff Engineer Design System Infrastructure

### Job description

Infineon Design Flow (Camino) Infrastructure concept, methodology and development processes

2. Developing specification, implementation, test and support of Infineon Design Flow infrastructure.
3. Refactoring of legacy software, following TDD, clean coding and SOLID design principles

#### Responsibilities:

1. Implementation, test, documentation & support of key requirements for the components implemented in Perl, Python and C++.
2. Making technical s/w specifications for the requirements given in alignment with stakeholders.
3. Hands-on programming, including unit testing, performance testing, error handling, documentation, rollout and support, according to project processes.
4. Using tools like code coverage, performance tests, memory checks etc., to improve software quality.
5. Adapting the software to follow DevOps (CI/CD tools and code quality tools) in the project
6. Work with designers and flow teams to understand their automation needs. Customize existing tools or propose new tools to reduce the design cycle time.
7. Ensuring compliance with all the Infineon development process methodology and milestones
8. As the component lead, fully responsible for
  - a. Overall software architecture, design and documentation of the component
  - b. Making technical architecture proposals and following up on the proposals.
  - c. Providing technical guidance and mentoring for team members including reviews.
  - d. Roadmap planning for the component.
  - e. Assisting project management by providing effort estimations.
  - f. Project related communication to stakeholders
  - g. Support & training

### Profile

10+ years' experience in Semiconductor/EDA/product companies  
BE / BTech / MS in Computer Science (or Electronics)

- Mandatory: Strong knowledge of programming in Perl (Object Oriented Perl preferred), Python & scripting.
- o Experience of C++ programming is an advantage
  - Mandatory: Strong knowledge of Object Oriented Programming, Design Patterns

### At a glance

Location: **Bangalore (India)**  
Job ID: **335503**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **335503**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- Mandatory: Prior experience in working in Unix based large scale s/w systems based on OOAD
- Desired: Knowledge of Software architectures for EDA applications
- Desired: Knowledge of DevOps and CI/CD tools like Jenkins, Git-Bitbucket, SonarQube
- Desired: Working in Scrum teams will be an advantage (experience of different roles like scrum master or product owner)

## 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

**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.

