



## Staff Engineer Systems

### Job description

We are looking at engineers to design test Automation framework and for firmware /scripts development in IoT space.

Test Automation framework and firmware/scripts development in IoT space.

- Design the test automation framework and develop test scripts for GUI and regression tests.
- Define and implement automated functional tests for various MCU applications.
- Firmware development for Microcontrollers for automation.
- Develop and configure and DevOps CI/CD pipelines.

### Profile

- Proficient in programming - C, Python, Bash/Shell scripting.
- Understanding of Arm microcontrollers and Embedded Systems.
- Communication protocols - I2C, SPI, UART, USB, BT/BLE, Wi-Fi etc. and peripherals - Timers, Counters, Interrupts, ADC, DAC etc.
- Working knowledge of GitLab/GitHub DevOps workflow, Jenkins, etc.
- Understanding of basic electronics, schematics and layout

### 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.

### At a glance

Location: **Bangalore (India)**  
Job ID: **350082**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

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Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

**Connected Secure Systems (CSS) delivers security for the connected world**

The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

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