



## Senior Staff Applications Engineer

### Job description

Firmware development using C/C++ on ARM and 8051 microcontrollers Bare metal and RTOS based

- Firmware development using C/C++ on ARM and 8051 microcontrollers(Bare metal and RTOS based).
- Debugging technical issues on embedded hardware, firmware and software, reporting product defects and providing work arounds.
- Defining customer and internal solutions, from schematic reviews to firmware development.
- Generating high quality customer collaterals - Application Notes, Knowledge base articles, Customer workshop training materials and other documentation
- Defining Reference designs/solutions for mass market products
- Work closely with cross functional teams, Design, Software, Regional marketing, and FAE teams.
- Mentoring junior team members

### Profile

- Masters or Bachelors in Electrical and Electronics Engg or Equivalent,,
- More than 7 yrs of experience in the field of Applications and Systems Engineering
- Excellent understanding of embedded systems.
- Proficiency in programming in C/C++ and embedded development for embedded systems using ARM/8051 microcontrollers (Bare-metal and RTOS).
- Good knowledge of peripheral communication (I2C/UART/SPI/USB) and USB-PD protocols advantageous
- Ability to understand customer requirements and translate them to system requirements, competence in comprehending schematics and experience in Unit Testing and System validation methods
- Excellent written and verbal communication skills. Previous experience in customer interactions would be an added benefit.
- Demonstrated ability to work effectively in a team environment and experience in effectively mentoring other members of the team
- High level of motivation, energy and enthusiasm

### Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent

### At a glance

Location: **Bangalore (India)**  
Job ID: **355473**  
Start date: **Aug 29, 2022**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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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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