



About Intellore

Intellore is a young company of experienced professionals. The company provides co-creation technology services for our customers and their ecosystem partners enabling each stage of their digital transformation journey for them to innovate and create new value for all the stakeholders. These services, where the IP of the offering belongs to our customer, range from domain-specific intelligent sensor / edge devices to cloud platforms right up to Differentiated / Insightful enterprise applications. These services for today's fast-evolving digital and connected enterprises are based on the solid foundation of vast proven experience and track record in "embedded systems services" and "application software development services" collectively brought in by our founder-directors and the founding-staff.

Position: Sr. Firmware Engineer

Location:

**Intellore Systems Pvt Ltd,
Off No 7 & 8, Krishna Shanti Residency, S. No. 346 & 347,
Bavdhan Budruk, Taluka Mulshi, Pune – 411 021, Maharashtra.**

Job Summary

We are looking for a Senior Firmware developer, expertise in embedded firmware design, firmware architecture, documenting specific processes and procedure. He/She should work as Lead developer, technical resource and mentor to junior developers.

Responsibilities

Mandatory Skills:

- Programming in Embedded C & GNU toolchain
- Proficiency and Experience in RTOS based applications
- Excellent theoretical & practical embedded firmware design skills ARM cortex-M.
- Implementation on device drivers: Serial, SPI, I2C, UART, Ethernet, USB,
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- Theoretical & practical knowledge of TCP/IP protocol over Ethernet & WiFi.
- Collaborating with hardware engineers and proven knowledge of electronic microcontroller circuitry and signals. Should be able to read circuit diagrams.
- Skilled in conceptualizing and implementing complex algorithms required industrial control and automation.
- Unit and Integration testing, performance measurement, Debugging and analysis of the assigned issues, Re-engineering of existing code for reuse with required modifications and associated unit/integration testing & Activities associated white box testing, unit testing, board diagnostics for hardware platforms

Good to have skills:

- Capture and draft firmware application requirement for the projects.
- Familiarity in IoT with Bluetooth Low Energy, WiFi chipsets, LoRa & RF modules. Familiarity with MQTT protocol, cloud technologies, encryption.
- Develop high level and detailed design, unit/module test cases, simulators, test plans & reports.

Skills And Qualifications

- Must have excellent understanding of Embedded design life cycle, New product development process & experience of working with global teams.
 - Expert in hands-on development and troubleshooting on embedded targets using test & measurement equipment like Digital Oscilloscope, Protocol Analyser, CAN Analyzer, etc.
 - Familiarity with version management tools like SVN or Git and Bug / Defects tracking systems.
 - Excellent verbal & written communication skills as well as good presentation skills
 - A willingness to learn is critical.
 - Bachelors / Master's degree in Electronics / Electronics & Telecommunication / Instrumentation Engineering or M. Sc. Electronics / Instrumentation with relevant experience of 5 to 8 years for embedded firmware development.
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- **How to Apply:**
Visit <https://intellcore.com/career/> and click on 'Apply' against right job opening. Alternatively, you could also send your resume at amar.joshi@intellcore.com