Sr. Software Engineer – Nidec-BACnet

Location: Pune
Experience: - 6+ years
Required Qualification: B.E/B. Tech - Electronics/E&TC/ or equivalent

Roles and Responsibilities:

- Work with the customer and project manager for project plan, defining user stories, tasks, release plan, tracking and providing effort estimations.
- Coordinate amongst various stakeholders of the project.
- Provide technical guidance to the team during design, development, and testing.
- Effectively delegate tasks to the team members and mentoring team.
- Identify the appropriate software architecture based on the requirements and design elements contained in a system specification.
- Apply new technologies and product innovations to optimize customer experience.
- Communicate with customer for requirement understanding and technical discussions.
- Contributing to all aspects of software development, architecture, design,
- Implementing the best practices and coding standards of the project.
- Comply with all applicable development processes.
- Should be able to work independently as well as with team.
- Contribute to programming, and developer testing.

Essential Skills

- Experience with Embedded system design and development with **C language**.
- Well versed with 8/16/32 bit microcontrollers and its peripherals.
- Experience in device driver development, hardware board bring up and **Free RTOS.**
- Hands on experience in using debuggers, simulators, and oscilloscope.
- Proficient understanding of code versioning tools like Git and SVN.
- Self-motivated, innovative, willing to pursue new technical areas and capable of working independently.
- Knowledge of BACnet IP + MSTP, Socket programming (TCP/IP). (Essential for BACnet position)

Desired Skills:

- Knowledge of systems/ products with Wi-Fi, Ethernet interfaces
- Knowledge of IoT protocols like MQTT, COAP, REST etc.
- Knowledge of C++
- Well versed with communication protocols such as UART, SPI, I2C and Modbus.
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