

Subject: Job Description for Senior Embedded Software Developer

General Description:

As a member of C-COM Engineering Group, you will be responsible for the development of embedded software for auto-pointing satellite antenna controller. You will play a key role in the full software development cycle, including programming environment, implementation, verifications, and support.

Main Responsibilities Include:

- Selection and maintenance of programming environment for life cycle of the product;
- Designing and implementing embedded software modules;
- Communicating and assisting other colleagues working closely on the same product;
- Maintain existing software developed and written in C, C++ and C#;
- Version control and support of released software;
- Assume other duties as required;

Qualifications:

- Education: Bachelor's in Computer Science/Engineering or higher;
- Multi-years experience (5+ years) in developing Embedded software (such as FreeRTOS) which include UI, Core, device driver and embedded firmware is a must;
- Programming Languages: C/C#, Java, AJAX, XML, Web HTML/SVG, for embedded systems is a must;
- Developed firmware for ARM 32bit, ESP32 and STM 32bit CPU/MCUs;
- Technical knowledge of TCP/IP, UDP/IP, HTTP/S, CAN, Serial Comm, FTP and Telnet;
- Technical knowledge of Ethernet, WiFi and USB protocols;
- Practical understanding and programming of BLDC /Stepper motors, drives, and operation;
- Experience in programming multi-axis robotic systems would be a strong asset;
- Skills: Strong analytical, troubleshooting and problem-solving skills, ability to work in a team environment and independently, quick to learn new concepts, work well under pressure in a high paced, challenging environment, positive attitude;
- Self –motivated, organized, detail oriented and attentive to accuracy;
- Use of Git or any other similar source code version control package is a Plus;
- Strong written and verbal communication skills.

Salary Range: Negotiable depending on relevant years of experience.