JD For Embedded Software Engineer

Job Title: Embedded Software Engineer

Company: [Company Name]

Location: [City, State]

Job Description:

We are seeking an experienced Embedded Software Engineer to join our team. The successful candidate will be responsible for designing, developing and maintaining software for embedded systems. This is a full-time position that offers a competitive salary and benefits package.

Key Responsibilities:

- Design, develop, and maintain software for embedded systems
- Collaborate with cross-functional teams to define and implement software solutions
- Troubleshoot and debug software issues
- Write technical documentation and user manuals
- Continuously improve software development processes

Technical Competency Requirements:

- Strong knowledge of C and C++ programming languages
- Experience with embedded systems and microcontrollers
- Familiarity with software development tools such as version control, debugging, and testing tools
- Knowledge of real-time operating systems and communication protocols
- Understanding of hardware-software integration

Behavioral Competency Requirements:

- Strong problem-solving and analytical skills
- Excellent written and verbal communication skills
- Proven ability to work independently and as part of a team
- Strong attention to detail and ability to meet deadlines
- Passion for technology and a willingness to learn new skills

Qualifications:

- Bachelor's or Master's degree in Computer Science, Electrical Engineering, or related field
- Minimum of 3 years of experience in embedded software development
- Strong portfolio of relevant work experience