



PR/159113 | Software Engineer

Job Information

Recruiter[JAC Recruitment Malaysia](#)**Job ID**

1543458

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

June 17th, 2025 13:01

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company & Job Overview

A leader in cutting-edge equipment control systems and automation innovation, specializing in developing high-performance solutions for complex industrial applications, is seeking a talented Software Engineer to join their team.

If you are passionate about designing, optimizing, and maintaining advanced control systems, this role offers a chance to contribute to automation efficiency and technological advancement. You will collaborate with cross-functional teams, delivering innovative, high-quality applications that shape the future of industrial automation.

Key Responsibilities

- Develop and enhance control system/software for assigned projects in C#, C++, .NET, and SQL.
- Generate and maintain design, testing, and documentation materials.
- Optimize existing software for performance, scalability, and maintainability.
- Analyze and troubleshoot software performance issues, creating efficient solutions.
- Write clean, maintainable, and well-documented code, adhering to best practices.
- Implement innovative software application design and development strategies.
- Collaborate with cross-functional teams to ensure successful project completion.

Key Requirements

- Bachelor's Degree in Computer Science, Computer Engineering, or equivalent.
- Minimum 5 years of experience, preferably in equipment control systems, machine automation, or AMHS industry.
- Exposure to SEMI GEM Secs is an advantage.
- Experience in large-scale application architecture.
- Knowledge of machine sequence, AMHS, MCS, or MES is desirable.

Technical Skills

- Proficiency in C, C++, C#, ASP.NET, and Visual Studio.
- Strong understanding of networking & communication protocols (TCP/IP, SECS/GEM, MSMQ, MQTT, Modbus).
- Experience with database management systems (MS SQL Server, Oracle, PostgreSQL).
- Familiarity with Linux and Windows operating systems.

Company Description