



PR/158534 | Software Engineer

Job Information

Recruiter

JAC Recruitment Malaysia

Job ID

1522264

Industry

Electronics, Semiconductor

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

February 18th, 2025 12:38

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

SOFTWARE ENGINEER

An established MNC in wafer packaging industry, seeking talented individuals with an innovative mindset to join their Engineering team. You will be a key part of revolutionary in the advanced packaging equipment for automated and high precision manufacturing industries.

JOB DESCRIPTIONS:

- Programming machine via using PLC like Beckhoff, Siemens, and Omron. PC based program machine via using C#
- Design, develop, and implement PLC systems and HMI interfaces for manufacturing automation.
- Develop software designs that are scalable, portable and efficient.
- Perform hardware/software integration and testing.
- Participate in the development and deployment of robot simulations to optimize automated operations in manufacturing and production settings.
- Conduct testing, troubleshooting, and debugging of PLC systems, robots, and electrical components both in-house and on-site to ensure proper functionality.
- Develop and implement C# applications and SQL database interactions.
- Participate in key meetings related to machine layout, process flow, and electrical components to ensure seamless integration and functionality.

- Prepare technical documentation such as user manuals and flowcharts to support system implementation and maintenance.
- Code and maintain software templates for Beckhoff PLC and Omron PLC, including libraries for Cylinder Control, Motor Control, Machine Control, TCP/IP functions, and Serial Communication functions.
- Interacting with customers to provide technical support, troubleshooting and resolving customer issues.

JOB REQUIREMENTS:

- Bachelor's Degree/Diploma in Electrical Engineering, Automation, Mechatronics, Computer Science, or related field.
- Experience in PLC programming (Siemens, Allen-Bradley, Mitsubishi, or similar platforms).
- Strong knowledge of industrial automation, motion control, and HMI development.
- Ability to read and interpret electrical schematics and technical drawings.
- Hands-on experience with troubleshooting and debugging automation systems.
- Willingness to travel internationally on a project basis.
- Strong analytical and problem-solving skills.

Company Description