



## PR/115921 | Firmware Engineer

### Job Information

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

1548933

**Industry**

Other (Manufacturing)

**Job Type**

Permanent Full-time

**Location**

Thailand

**Salary**

Negotiable, based on experience

**Refreshed**

August 5th, 2025 07:00

### 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

Position Name: Firmware Engineer

**JOB DESCRIPTION:**

- Learn and become subject matter expert of microelectronic product portfolio.
- Establish firmware architecture requirements.
- Write detailed microelectronic control design specifications.
- Write detailed microelectronic control test specifications for contract control manufacturers.
- Validate microelectronic control functional test equipment produced by contract control manufacturers against microelectronic control test specifications.
- Maintain microelectronic product portfolio model configuration information.
- Actively engage in cross functional activities a part of product development, team meetings, project product feature definition sessions, pilot builds, pilot build test instructions, reviews of microelectronic control user manuals.
- Write engineering change notifications.
- Write detailed test lab orders for lab technician execution.
- Investigate firmware issues relating to microelectronic control operation and drive root cause analysis and resolution.
- Perform some amount of firmware development and testing on simulators and products in a lab

environment.

- Identify opportunities for quality and cost improvements.
- Provide support to production, as needed.

Qualification:

- Bachelor of Science in Computer Science, Software Engineering, or Electrical Engineering preferred.
- Over 3 years of programming experience.
- Requires extensive firmware development experience with coding in C; experience with coding in lua and UI designer applications, e.g. Storyboard, is a plus.
- Proficient technical skills required.
- Ability to communicate to internal and external groups in an efficient manner.
- Practice with test driven firmware development is a plus.
- Strong debugging skills.
- Demonstrated problem solving, critical thinking, and decision-making skills.
- Strong organizational skills.
- Self-motivated and hands on.
- Ability to work well in a team environment.
- Good command of spoken and written English.

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## Company Description