



PR/159730 | Senior / Staff / Principal Software Engineer

Job Information

Recruiter

[JAC Recruitment Malaysia](#)

Job ID

1567435

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

February 10th, 2026 11:01

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company Overview and Job Overview

A global leader in software-connected automated test and measurement systems is seeking an experienced Staff / Senior Software Engineer to join its innovative team in Penang. This is your opportunity to work on cutting-edge technology that powers industries worldwide.

Key Responsibilities for Driver & Firmware Development:

- Develop UEFI Firmware (BIOS) or device drivers for embedded controllers and related products.
- Participate in the full product lifecycle: concept, definition, implementation, testing, debugging, and sustaining.
- Drive software development excellence and continuous improvement.
- Collaborate with hardware and systems R&D teams, manufacturing, and other business groups.
- Ensure compliance with quality and security requirements.

Key Requirements:

- Bachelor or Master Degree in Computer Science, Computer Engineering, or Electrical Engineering.

- Minimum 5 years of experience in firmware or driver development.
- Strong proficiency in C programming and understanding of computer architecture and operating systems.
- Expertise in UEFI/BIOS or BSP development.
- Familiarity with PC bus interfaces (PCI, PCIe, SMBus) and debugging tools (e.g., XDP).
- Knowledge of Linux device driver development and Agile processes.

Key Responsibilities for System Software Development:

- Specify, design, implement, and test software features for hardware-integrated systems.
- Sustain and maintain software products to meet quality and security standards.
- Collaborate with R&D hardware, software, systems teams, and manufacturing groups.
- Drive continuous improvement and innovation in software and hardware integration.

Key Requirements:

- Bachelor or Master Degree in Computer Science, Computer Engineering, or Electrical Engineering.
- 5–8 years of experience in software development for hardware or systems.
- Strong proficiency in C/C++ and understanding of computer architecture and operating systems.
- Expertise in software design principles, OOP, and project execution.
- Windows/Linux driver development.
- Kernel mode and user mode programming.
- Debugging tools (WinDBG), unit testing, scripting (Python).
- Agile development methodologies.

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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Company Description