## PR/159730 | Senior / Staff / Principal Sofware 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**
April 7th, 2026 14:00

## 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.

Privacy Policy Link: https://www.jac-recruitment.my/privacy-policy
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Company Description