



PR/097549 | Software Engineer (C / C++)

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1609278

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

August 25th, 2026 10:43

General Requirements

Minimum Experience Level

Over 6 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

The client deep-tech startup focused on next-generation semiconductor and photonics technologies for AI infrastructure.

We are seeking a Software Engineer to join the firmware and software development team. This role offers the opportunity to contribute to the development of embedded software, firmware, and SDK solutions that power next-generation optical communication products.

JOB RESPONSIBILITIES

- Develop and design SDK and firmware software for semiconductor chips and optical communication devices.
- Participate in system development, maintenance, feature implementation, and software upgrades.
- Develop and implement software features based on product specifications and customer requirements.
- Design and implement software architectures and application code to meet performance, reliability, quality, and

security objectives.

- Perform software integration, testing, debugging, troubleshooting, and issue resolution.
- Collaborate closely with hardware, ASIC, RTL, validation, and system engineering teams throughout product development and bring-up activities.
- Develop software utilities, APIs, diagnostic tools, and supporting applications.
- Take ownership of assigned development tasks and contribute to technical documentation, design specifications, and engineering reports.

JOB REQUIREMENTS

- Bachelor's degree or higher in Computer Science, Computer Engineering, Electronics Engineering, Communications Engineering, or a related discipline.
- 0-2 years of experience in embedded C/C++ development. Fresh graduates with strong fundamentals are encouraged to apply.
- Strong foundation in software engineering principles and embedded systems development.
- Familiarity with embedded software and firmware development environments.
- Plus if you have experience with optical communication systems, optical modules, or Optical DSP products.

Working Location: Singapore

Syahirah Binte Ahmad Ja'afar (R22105331)
JAC Recruitment Pte. Ltd. (90C3026)

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Company Description