



## PR/096972 | Senior Development Engineer (ROS)

### Job Information

**Recruiter**

JAC Recruitment Singapore

**Job ID**

1599609

**Industry**

IT Consulting

**Job Type**

Permanent Full-time

**Location**

Singapore

**Salary**

Negotiable, based on experience

**Refreshed**

June 26th, 2026 11:49

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level

**Minimum Japanese Level**

None

**Minimum Education Level**

Associate Degree/Diploma

**Visa Status**

No permission to work in Japan required

### Job Description

#### COMPANY OVERVIEW

Our client is a leading research institution dedicated to advancing scientific discovery and technological innovation. It focuses on a wide range of disciplines, including biomedical sciences, physical sciences, and engineering.

We are currently looking for a Senior Development Engineer with a focus on multi-robot and multi-device orchestration on ROS 2 and the Robotics Middleware Framework (RMF).

#### JOB RESPONSIBILITIES

- Lead and contribute to the development of robotics software packages using ROS 2, including RMF-based multi-agent path planning, simulation, perception, and motion planning.
- Design and implement core algorithms and architectures for interoperable multi-robot systems, covering coordination, scheduling, task assignment, and traffic deconfliction.

- Translate business needs into system requirements, validation methods, and testing strategies aligned with industry standards.
- Lead technical aspects of project scoping, planning, execution, and documentation.

#### JOB REQUIREMENTS

- Degree in Robotics, Software/Computer/Electrical Engineering, Computer Science, or equivalent.
- 0–5+ years of relevant experience (or equivalent demonstrated capability).
- Strong proficiency in C++ and Python.
- Extensive experience with ROS 2, CI/CD pipelines, Docker/Kubernetes, and Git.
- Solid understanding of robotics concepts (navigation, manipulation, fleet management, simulation).
- Proven experience in complex systems integration, networked systems, and production deployment.
- Demonstrated ability to lead technical initiatives or deliver key project components.
- Nice to have: Experience in fleet management, AI for robotics, RMF-related algorithms, stakeholder management, or web-based interfaces.

Work Location: Singapore

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

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