



PR/097417 | Process Control System Engineer

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1604813

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

July 28th, 2026 10:26

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

The client is a multinational engineering company operating one of Singapore's most sophisticated high-automation precision manufacturing facilities, supplying a critical component used before any semiconductor chip can exist.

JOB RESPONSIBILITIES

- Drive manufacturing performance, productivity, and cost improvements through data analytics, automation, and AI/ML solutions.
- Develop and integrate advanced process control and R2R workflows using manufacturing systems and data platforms.
- Design scalable software solutions using Python, SQL databases, and modern development frameworks to support high-volume production.
- Build, deploy, and maintain AI/ML applications for manufacturing use cases.

- Implement DevOps and CI/CD best practices for reliable and sustainable software deployment.
- Develop operational dashboards and workflows to enhance visibility and data-driven decision making.
- Collaborate with engineering, IT, and global teams to deliver scalable cross-site solutions.
- Maintain documentation and provide regular progress reports.

JOB REQUIREMENTS

- Strong proficiency in Python programming.
- Experience with SQL and structured data management.
- Understanding of manufacturing processes, process control, or engineering principles.
- Familiarity with DevOps, Git, CI/CD, automated testing, and software maintenance is a plus.
- Strong analytical and problem-solving skills with the ability to derive insights from complex data.
- Self-driven, collaborative, and effective communicator.

Working Location: Singapore

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

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Company Description