Manufacturing Automation Engineer - Robotics & Controls

Take robotics from design to production

Job Information

Recruiter
Cornerstone Recruitment Japan K.K.

Job ID
1623243

Industry
Electronics, Semiconductor

Job Type
Permanent Full-time

Location
Tochigi Prefecture

Salary
Negotiable, based on experience

Refreshed
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General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
None

Minimum Japanese Level
Business Level

Minimum Education Level
High-School

Visa Status
No permission to work in Japan required

Job Description

Location Oyama, Tochigi, Japan

Job Type Permanent full-time

Work Style Primarily on-site with flexible working hours

Career Level Engineer, individual contributor

English No minimum requirement

Japanese Technical and business communication required. Native-level proficiency preferred.

Visa Sponsorship Support available

Design and introduce automation equipment for communications hardware manufacturing. You will take projects from concept and equipment specifications through commissioning, production ramp-up and ongoing improvement, working with engineering teams and equipment suppliers.

Responsibilities

- Identify production processes suitable for automation and define equipment and control system requirements.
- Develop equipment concepts and coordinate specifications with suppliers and internal teams.
- Support installation, commissioning, verification and production launch.
- Investigate equipment or process failures and implement improvements to reliability, quality and efficiency.
- Share successful automation methods across production lines and partner factories.

Work Conditions

- Regular attendance at the manufacturing site is required. Limited remote work may be available when needed.
- Overtime averages approximately 10 hours per month and may reach around 40 hours during peak periods.
- Relocation and visa sponsorship support are available.

Apply through CareerCross.

Required Skills

Required Qualifications

- Hands-on experience developing, installing, commissioning or improving automated production equipment or robotics in a manufacturing setting.
- Ability to read equipment specifications and mechanical or electrical drawings.
- Experience aligning technical requirements with suppliers and internal teams.
- Experience finding root causes of equipment or process problems and implementing improvements.
- Japanese communication skills for technical discussions, reporting and coordination.

Preferred Qualifications

- Experience with industrial or collaborative robots, PLCs, servo motors, sensors or robotic controls.
- Experience with machine vision, AI, IoT, automated inspection, material handling or assembly.
- Experience in mechanical or electrical design, control software, production-line launches or supplier-led equipment projects.

Company Description

Confidential client