



## 【Robotics Software Engineer (English Only OK)】

### Job Information

**Recruiter**

SPOTTED K.K.

**Job ID**

1591384

**Industry**

Machinery

**Job Type**

Permanent Full-time

**Location**

Tokyo - 23 Wards

**Salary**

6 million yen ~ 10 million yen

**Refreshed**

June 22nd, 2026 01:00

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level

**Minimum Japanese Level**

None

**Minimum Education Level**

Bachelor's Degree

**Visa Status**

Permission to work in Japan required

### Job Description

#### Robotics Software Engineer (Machine Learning / Robot Control) – English Only OK

**Position Overview**

We are looking for a highly skilled Software Engineer with strong expertise in machine learning and robotics control systems to join an innovative robotics technology company in Tokyo.

The successful candidate will contribute to the development of AI-driven sensing and robotic manipulation systems for advanced automation applications. The role involves developing machine learning solutions for sensor data processing and implementing robotic control systems for real-time manipulation tasks.

This is an exciting opportunity to work on cutting-edge robotics, AI, and intelligent automation technologies in an international environment.

**Responsibilities****AI / Software Development**

- Design and develop AI solutions for advanced sensing systems
- Develop machine learning applications for robotic perception and manipulation
- Implement machine learning algorithms for:
  - object classification
  - motion analysis
  - force and sensor data interpretation
- Optimize system performance using state-of-the-art machine learning techniques
- Collaborate with cross-functional engineering teams

#### **Robot Control**

- Implement robotic control systems for automation applications
- Work with industrial robot arms and robotic end-effectors
- Integrate sensors into robotic platforms
- Develop real-time robotic applications

#### **Requirements**

#### **Education & Experience**

##### **Bachelor's degree in:**

- Software Engineering
- Machine Learning
- Robotics
- Computer Science or a related field
- Strong experience in machine learning development
- Experience in robotic systems and automation
- Experience working with sensor-based systems is preferred

#### **Technical Skills**

- PyTorch / TensorFlow
- ROS (Robot Operating System)
- Experience deploying machine learning models in real-time systems
- Experience controlling robotic systems using Python or C++
- Understanding of robotics fundamentals and motion control

#### **Soft Skills**

- Strong analytical and problem-solving skills
- Excellent written and verbal communication skills
- Ability to work independently and collaboratively
- Strong project management and multitasking abilities

#### **Employment Type**

Full-time

#### **Location**

Tokyo, Japan

#### **Language**

English only is acceptable

#### **Salary**

Competitive salary based on experience

#### **Interview Process**

Approx. 2–3 interview rounds

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#### **Company Description**