

## Al Engineering Manager

### **Al Engineering Manager**

#### Job Information

#### Recruiter

Next Move K.K.

#### **Hiring Company**

Cogent Labs

### Job ID

1502530

#### Industry

Software

### **Company Type**

Small/Medium Company (300 employees or less)

## Non-Japanese Ratio

About half Japanese

#### Job Type

Permanent Full-time

## Location

Tokyo - 23 Wards

#### Salary

Negotiable, based on experience ~ 17 million yen

#### Refreshed

November 26th, 2025 12:01

## General Requirements

## **Minimum Experience Level**

Over 3 years

## **Career Level**

Mid Career

# Minimum English Level

**Business Level** 

## Minimum Japanese Level

**Business Level** 

### **Minimum Education Level**

Associate Degree/Diploma

### Visa Status

Permission to work in Japan required

### Job Description

## Job Responsibilities:

- Leadership & Team Empowerment: Lead, mentor, and manage a diverse, high-performing team of engineers, scientists, and researchers. Foster a culture of collaboration, innovation, and growth within the team.
- Cross-Functional Collaboration: Work closely with product, data science, and engineering teams to drive alignment on the Al product roadmap and ensure successful delivery of business outcomes.

- AI Model Development & Deployment: Oversee the end-to-end development lifecycle of AI models, including data collection, labeling, model development, experimentation, training, testing, and deployment into production environments.
- Best Engineering Practices: Ensure that best practices in coding and engineering are maintained, prioritizing a robust, scalable, and efficient codebase.
- Pipeline & Experiment Management: Develop, maintain, and optimize AI model training pipelines and experiment tracking systems. Ensure the seamless flow of data through the system and timely feedback on model performance.
- Operational Excellence: Manage the deployment, scaling, and maintenance of AI models in production, working to
  ensure the systems are reliable, scalable, and continuously optimized.

### Required Skills

#### **Required Qualifications:**

- 3+ years of experience in managing teams of engineers, scientists, or researchers, with a strong track record of driving successful Al projects.
- Hands-on experience in designing, implementing, and deploying machine learning models in production environments, with a focus on business applications.
- Strong communication and collaboration skills, with the ability to work effectively with cross-functional teams and business leaders.
- Proficiency in modern software engineering practices, including writing clean, maintainable, and well-documented code.

#### **Desired Qualifications:**

- Practical knowledge of MLOps principles and technologies (e.g., model versioning, deployment at scale, containerization, continuous integration/delivery).
- Familiarity with cloud platforms (e.g., AWS, Google Cloud) and container orchestration tools (e.g., Kubernetes, Docker).
- Experience with Python (e.g., FastAPI, PyTorch, and related libraries), and modern database systems (e.g., SQL, NoSQL).
- · Experience in building and optimizing large-scale data pipelines and AI model training systems.
- Knowledge of the Japanese language is a plus.

#### **Team Culture & Expectations:**

- Collaboration: We emphasize teamwork, and engineers are expected to collaborate effectively across functions, sharing knowledge, and empowering each other.
- Ownership & Accountability: Engineers are encouraged to take ownership of their projects, ensuring successful delivery while being proactive about resolving challenges.
- Innovation & Experimentation: Engineers have the opportunity to experiment with new technologies and ideas, contributing to continuous innovation and improvements in our AI models and products.
- Quality: We maintain a high standard of code quality, always striving for excellence and continuous improvement.
   Engineers are expected to deliver reliable, high-performance solutions.
- Customer-Focused: We value both internal and external customers. Engineers should prioritize delivering value to end-users while also supporting colleagues and contributing to the broader company mission.

Company Description