



## Machine Learning Engineer for English speaker

### Job Information

**Recruiter**

[PROGRE Ltd](#)

**Hiring Company**

AI monitoring app to protect children from dangerous chats

**Job ID**

1586827

**Industry**

Internet, Web Services

**Company Type**

Small/Medium Company (300 employees or less)

**Non-Japanese Ratio**

About half Japanese

**Job Type**

Permanent Full-time

**Location**

Japan

**Salary**

7 million yen ~ 11 million yen

**Refreshed**

April 16th, 2026 11:35

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level (Amount Used: English Only)

**Minimum Japanese Level**

None

**Minimum Education Level**

High-School

**Visa Status**

Permission to work in Japan required

### Job Description

AI risk detection is at the heart of everything we do — it's what differentiates Kodomamo from every other parental control app on the market. We are looking for a Machine Learning Engineer to go deeper: sharpen our existing models, expand them to new threat types, and help us extend this technology to protect seniors from fraud.

You will own the full ML lifecycle end-to-end — research, experimentation, training, deployment, and monitoring — working directly with the CTO.

**What You'll Do**

- Research, prototype, and deploy ML models for detecting risky chat content, inappropriate images, and fraud-linked

communication patterns.

- Work with backend and product teams to integrate ML inference into production APIs.
- Build and maintain ML pipelines and data workflows on GCP.
- Monitor model performance and iterate based on real-world feedback.
- Stay current with relevant ML research and adapt promising techniques to our safety use cases.

#### **Tech Stack**

- ML: Python, TensorFlow / PyTorch
- Cloud: GCP (Vertex AI, BigQuery, Cloud Storage)

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#### **Required Skills**

##### **Must-have:**

- 3+ years of professional ML engineering experience, with at least one model in production.
- Proficient in Python and experienced with ML frameworks (TensorFlow, PyTorch, or equivalent).
- Hands-on experience building ML pipelines on GCP or equivalent cloud platforms.
- Ability to communicate technical findings clearly in English (our working language).
- Comfortable in a fast-moving, resource-constrained startup environment.

##### **Preferred:**

- Experience with NLP, content moderation, or fraud detection use cases.
- Familiarity with Kubernetes-based model serving.
- Experience with privacy-preserving ML or on-device inference.

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#### **Company Description**