



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

May 30th, 2026 17:00

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)

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.

Company Description