



## Ai Engineer / AI Architect / Remote work global Agentic AI

### Job Information

**Recruiter**

[Talent Fit Japan, Inc.](#)

**Job ID**

1545022

**Industry**

Software

**Company Type**

Small/Medium Company (300 employees or less) - International Company

**Non-Japanese Ratio**

Majority Non-Japanese

**Job Type**

Permanent Full-time

**Location**

Japan

**Salary**

6 million yen ~ 10 million yen

**Refreshed**

December 17th, 2025 05:00

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level (Amount Used: English usage about 75%)

**Minimum Japanese Level**

None

**Minimum Education Level**

Bachelor's Degree

**Visa Status**

No permission to work in Japan required

### Job Description

Looking for a highly skilled **AI Engineer** to join our core development team. You will work directly on our flagship product — **Agentic AI product**, a next-generation autonomous UI agent that automates real user actions across applications. This role includes responsibilities in building, optimizing, and deploying agents autonomously as needed.

### Responsibilities

- Improve the accuracy, adaptability, and reliability of the **AI Agent**
- Build and deploy agents that mimic human interaction across browsers and desktop apps
- Design task execution workflows with high resilience and fault tolerance

- Collaborate on core infrastructure for real-time, multi-agent orchestration
  - Implement learning systems that allow agents to self-improve from user feedback
  - Work closely with the product and design teams to ensure seamless UX
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## Required Skills

### Required Experience & Skills

- Hands-on experience in **developing and deploying AI agents**
- Proficiency in **Python**, with strong skills in scripting and automation
- Deep understanding and hands-on work with:
  - **Playwright** (or similar tools like Puppeteer, Selenium)
  - **MCP (Multi-Context Protocol)** or similar execution models
  - Long-term memory systems (vector DBs, RAG, embedding strategies)
  - Agent-to-agent communication protocols
  - Multi-agent systems / orchestration frameworks
  - Reinforcement learning or task planning agents
- Familiarity with one or more of the following is a big plus:
  - DOM parsing, visual recognition, screen-based automation
  - Low-latency backend communication (WebSocket, gRPC, etc.)
  - Browser internals, shadow DOM, virtual desktops

### Nice-to-Haves

- Experience with desktop automation (AutoHotkey, Autolt, pywinauto, etc.)
  - Contributions to open-source community or having a unique AI agent implementation
  - Interest in the future of UI-less, agent-native software platforms
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