



## PR/096151 | AI Agent Engineer

### Job Information

**Recruiter**

JAC Recruitment Singapore

**Job ID**

1564909

**Industry**

Retail

**Job Type**

Permanent Full-time

**Location**

Singapore

**Salary**

Negotiable, based on experience

**Refreshed**

December 9th, 2025 04:00

### General Requirements

**Career Level**

Mid Career

**Minimum English Level**

None

**Minimum Japanese Level**

None

**Minimum Education Level**

Associate Degree/Diploma

**Visa Status**

No permission to work in Japan required

### Job Description

#### AI Agent Engineer

My client is a rapidly-expanding Internet firm and they are seeking an experienced AI Agent Engineer to lead the development of intelligent, autonomous systems that elevate user interaction. You'll work with cutting-edge technologies like OpenAI Function Calling, LangChain, and multimodal AI to build agents capable of reasoning, planning, and executing tasks across text, voice, image, and video.

#### Key Responsibilities

- Develop and optimize AI Agents using LLMs (e.g., GPT-4, Claude, Gemini).
- Integrate multimodal capabilities for natural human-computer interaction.
- Apply techniques like RAG, RLHF, and ReAct to enhance agent decision-making.
- Collaborate with cross-functional teams to deliver scalable, real-time solutions.

#### Requirements

- Master's degree in Computer Science, AI, or related field.
- 5+ years of experience in AI Agent or intelligent system development.
- Proficiency in Python and frameworks like TensorFlow, PyTorch, Hugging Face.
- Hands-on experience with LLMs and agent frameworks.
- Bonus: Experience in consumer-facing AI applications (e.g., smart assistants, intelligent search).

Raymond Ler (R1876114)

JAC Recruitment Pte. Ltd. (90C3026)

#LI-JACSG

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## Company Description