

AI Engineer - Global Insurance Firm (English Only OK!)

English Only OK! Overseas Applicants OK!

Job Information

Temp Agency
Randstad K.K., Professionals

Hiring Company
Randstad

Job ID
1605947

Industry
Insurance

Company Type
Large Company (more than 300 employees) - International Company

Non-Japanese Ratio
Majority Non-Japanese

Job Type
Contract

Location
Tokyo - 23 Wards

Salary
8 million yen ~ 11 million yen

Refreshed
November 27th, 2026 02:00

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Fluent Level (Amount Used: English Only)

Minimum Japanese Level
None

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

Randstad is partnered with a global insurance firm in their search for an AI Engineer. As an AI engineer you will be the bridge between client's massive insurance data ecosystem, spanning customer, agent, transaction, and policy data and cutting-edge intelligence. Part of the job will be to design and deploy scalable Generative AI models and Predictive Analytics solutions that turn our Azure-based data lake into actionable insights and automated experiences.

Key Responsibilities

- **Model Development:** Design, train, and deploy predictive models and LLM-based applications (RAG) using Azure Machine Learning and Azure AI Foundry.
- **Data Integration:** Collaborate with our data engineering team to consume high-volume data (Parquet, CSV, Text) from ADLS and Synapse.
- **App Architecture:** Build serverless AI orchestration layers using Azure Functions to bridge models with end-user applications.
- **Storage Optimization:** Utilize Azure AI Search for low-latency retrieval of AI outputs and metadata storage.
- **Operational Excellence:** Implement MLOps best practices and integrate AI workflows into CI/CD pipelines for automated deployment.

Required Skills

- Experience with Multi-Agent Frameworks (MAF) or similar AI orchestration patterns
- Hands-on experience with Azure AI Foundry, Azure OpenAI, or other enterprise AI platforms
- Knowledge of Model Context Protocol (MCP) or similar approaches for integrating enterprise tools and AI components
- Solid understanding of data science and machine learning fundamentals, including:
- Feature engineering
- Predictive modeling (e.g., propensity scoring)
- Explainable AI
- Experience with enterprise data integration and data platforms
- Strong Python development skills and experience with API integration

Nice to Have

- Experience working in the insurance industry
- Exposure to enterprise-scale AI solutions and data ecosystems

Company Description