Bilingual Gen AI Lead

Financial Services / Up to 13M

Job Information

Recruiter
Skillhouse Staffing Solutions K.K.

Job ID
1609208

Industry
Insurance

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

Non-Japanese Ratio
Majority Non-Japanese

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
11 million yen ~ 13 million yen

Work Hours
9:00 - 18:00 (Mon-Fri)

Holidays
National Holidays, Weekends, Paid Holiday, etc.

Refreshed
November 16th, 2026 06:00

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

A leading global financial services organization is seeking an experienced **Gen AI Lead** to join its Digital Engineering team. This is a hands-on technical leadership role responsible for designing, developing, and delivering enterprise Generative AI

solutions while providing technical guidance to a team of AI engineers.

The successful candidate will work closely with business stakeholders, architects, senior management, and global teams to build scalable AI solutions including AI agents, agentic workflows, Document AI, AI OCR, and enterprise chatbots using Google Cloud Platform (GCP).
This position is ideal for someone who enjoys combining technical architecture, software development, and AI innovation while leading the successful delivery of enterprise AI initiatives.

Responsibilities:
- Lead the technical design and delivery of enterprise Generative AI solutions
- Provide technical leadership to a team of Gen AI engineers (technical lead role; no people management responsibilities)
- Collaborate with business stakeholders, architects, and cross-functional teams to develop scalable AI applications
- Design and develop AI agents and agentic workflows for business use cases
- Build and maintain enterprise AI solutions such as Document AI, AI OCR, and chatbots
- Develop applications using Java, Python, and modern cloud-native technologies
- Write automated unit tests and maintain high code quality
- Troubleshoot production issues and perform bug fixes
- Monitor and automate cloud-based AI services on Google Cloud Platform
- Develop and maintain APIs and microservices following industry best practices
- Create and maintain technical documentation
- Coordinate with offshore development teams to ensure timely project delivery

Why you should apply:
- Lead enterprise-scale Generative AI initiatives
- Work with international engineering teams
- Drive AI innovation and digital transformation
- Gain exposure to modern AI technologies and large-scale cloud platforms
- Opportunity to make a significant technical impact within a global organization

Company overview:
As one of the world's leading insurance organizations, this company operates across numerous countries and regions, serving millions of individual and corporate customers worldwide. With a strong global presence and a long-established reputation in the financial services industry, the company continues to invest heavily in digital transformation, process modernization, and technology-driven innovation. Employees have the opportunity to work in an international environment, collaborate with stakeholders across multiple regions, and contribute to large-scale enterprise initiatives that directly impact business operations and customer experience.

Working Style: Hybrid (4 days in office, 1 day remote)
Working Hours: Monday–Friday, 9:00–17:00
Holiday: Weekends, Japanese national holidays, Year-end/New Year holidays, Paid annual leave, Special leave
Benefits: Social insurance, Transportation allowance, Overtime pay, Defined contribution pension plan, Professional development support, Training programs, Skill development reimbursement programs, Employee assistance programs, Global working environment with international stakeholders

Required Skills

- 10+ years of software development experience
- Experience developing enterprise applications in the insurance industry
- Strong experience with GCP, Java, Python, and Spring Boot
- Experience with Generative AI technologies and AI agents
- Familiarity with tools such as LangChain, LangGraph, CrewAI, GitHub Copilot, Claude Code, or Google ADK
- Experience with REST APIs, Docker, Kubernetes, SQL/NoSQL databases, and messaging technologies
- Good communication and problem-solving skills

Company Description