



SUPPORT YOUR FIRST CAREER IN JAPAN
IT Engineer / Hotel front desk / English Teacher / Inexperience welcomed
Make a step towards your future career

Backend Engineer/No Japanese required/AI technology company

LLM,Generative AI

Job Information

Recruiter

j Career Co.,Ltd.

Job ID

1566122

Industry

Other (IT, Internet, Gaming)

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7 million yen ~ 13 million yen

Salary Bonuses

Bonuses paid on top of indicated salary.

Refreshed

December 17th, 2025 07:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Daily Conversation

Minimum Education Level

High-School

Visa Status

Permission to work in Japan required

Job Description

Responsibilities

- AI Product Development
 - Design, develop, and operate backend systems for AI products
 - Implement AI agent systems utilizing large language models (LLMs)
 - Develop APIs for real-time speech processing and speech synthesis systems
 - Build and optimize natural language processing pipelines
- System Architecture & Infrastructure
 - Design distributed systems using microservices architecture
 - Design and implement scalable APIs for high-traffic scenarios
 - Containerization and Kubernetes operations on GCP
 - Database design and query optimization for large-scale data processing

- Development Process & Quality Improvement
 - Build and improve CI/CD pipelines
 - Promote code reviews and test automation
 - Build monitoring and log analysis systems
 - Implement and operate based on security requirements
- Machine Learning & AI Integration
 - Integrate and deploy machine learning models to production environments
 - Build and operate MLOps pipelines
 - Optimize inference API performance and reduce latency
 - Develop A/B testing infrastructure and support data analysis
- Team Collaboration & Technical Leadership
 - Collaborate with cross-functional teams (designers, product managers, project managers)
 - Participate in technical selection and architecture decisions
 - Research new technologies, build prototypes, and conduct technical validation
 - Improve and automate development processes

Required Skills

Required Qualifications

We are looking for candidates with:

- Bachelor's degree in Computer Science, Software Engineering, Artificial Intelligence, Machine Learning, Mathematics, Physics, or related fields, or equivalent practical experience
- 5+ years of application development experience using Python
- 3+ years of experience developing complex SaaS products or high-traffic B2B products
- 3+ years of experience with cloud services (AWS, GCP, Azure) and container technologies (Docker, Kubernetes)
- Experience working at startups or growth-stage companies, or equivalent environments
- Knowledge of and passion for AI-related technologies
- Individuals currently residing in Japan
- Language requirements (either):
 - Japanese: Fluent (able to discuss product development without misunderstandings)
 - English: Business level

Preferred Qualifications

Candidates with the following experience or skills will be highly regarded:

- Experience building systems utilizing natural language processing or machine learning
- Experience developing machine learning models with Python, TensorFlow, or PyTorch
- Experience with chatbot, speech recognition systems, or AI agent development
- Experience launching new businesses/products from the 0→1 phase
- Full-stack application development experience
- Bilingual (Japanese/English)

Tech Stack

Languages: Python (for framework development), TypeScript / React / Next.js (frontend) / NX

Infrastructure: GCP (containers / Kubernetes), Docker

Tools: Slack, Confluence, Linear, Google Workspace, GitHub, Notion, etc.

Work Environment: Mac (Apple Silicon), dual monitors available

Company Description