AI Engineer - Fully Remote

Up to 35M JPY! Lead AI at growth firm.

Job Information

Recruiter
bloomtech.inc

Job ID
1605836

Industry
IT Consulting

Company Type
Small/Medium Company (300 employees or less)

Non-Japanese Ratio
Majority Japanese

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
6 million yen ~ 35 million yen

Salary Bonuses
Bonuses included in indicated salary.

Work Hours
Flextime system (Standard working hours: 8 hours)

Holidays
Weekends and holidays, Annual paid leave, Year-end and New Year

Refreshed
November 11th, 2026 01:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
None

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

As a core member of AI solutions specialized for specific industries and business operations, you will be responsible for end-

As a core member of AI solutions specialized for specific industries and business operations, you will be responsible for end-to-end tasks from business logic design and modeling to product implementation, utilizing LLM / machine learning / optimization technologies.?
This position focuses not just on building models, but on designing business processes, decision-making, and KPIs to ensure AI leads to actual business results.

Responsibilities:
- Design and development of AI products for specific industries and business operations
- Structuring/modeling of business flows and decision-making logic
- Business application of LLM, machine learning, and optimization algorithms
- Design and implementation of AI agents / multi-step reasoning
- AI application development utilizing Prompt Engineering, RAG, structured outputs, etc.
- Design of KPIs and evaluation metrics linked to business results
- System design assuming production operation, including MLOps/LLMOps
- Organizing business requirements and translating them into technical requirements in collaboration with internal FDEs and consultants
- Initiatives to abstract insights gained from individual projects and return them into reusable product assets

Position Features:
- Proven track record of offering a 150% increase from current annual salary, etc. / RS (Restricted Stock) grant system based on skills
- Members with diverse backgrounds are enrolled, including academia and former AI startup CTOs
- Opportunity to be involved in decision-making on product direction and business strategy working closely with management
- In the future, a wide range of career options can be chosen in addition to engineering, such as consulting, business development, and product management
- An environment where you can focus on catching up with and implementing the latest AI technologies while utilizing remote work and flextime systems
- Free use of generative AI tools (Copilot / Claude Code)

Required Skills

Must-Have Requirements (MUST)
Experience in any of the following:
- Web application or API development experience using Python
- Development experience using LLM APIs (OpenAI, Anthropic, Gemini, etc.)
- Implementation experience with Prompt Engineering, RAG, etc.
- Practical experience in machine learning, data analysis, and mathematical optimization fields
- Team development experience using Git/GitHub

Welcome Requirements (WANT)
- Experience in AI agent design and implementation
- Experience using LangChain / LangGraph, etc.
- Experience in designing and operating MLOps/LLMOps
- Experience developing SaaS or B2B products
- Experience in business improvement, business design, and BPR
- Domain knowledge related to specific industries (e.g., manufacturing, retail distribution, automotive, SCM, telecommunications, etc.)

Ideal Candidate Profile
- Those who want to contribute to improving the competitiveness of Japanese companies through the social implementation of AI
- Those interested in AI development that leads to actual business transformation and results, rather than just technical verification
- Those who aim to become product managers, business managers, or entrepreneurs in the future
- Those with intellectual curiosity and intellectual toughness who can learn, think, and drive initiatives on their own

Company Description