Senior Backend Engineer/Team Lead - AI Agent Framework

Hybrid, International, AI Technologies

募集職種

人材紹介会社
アイウィルキャピタル合同会社

求人ID
1527700

業種
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雇用形態
正社員

勤務地
東京都 23区

給与
800万円 ~ 1600万円

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応募必要条件

職務経験
6年以上

キャリアレベル
中途経験者レベル

英語レベル
無し

日本語レベル
無し

最終学歴
大学卒：学士号

現在のビザ
日本での就労許可が必要です

募集要項

Why We're Hiring

As we anticipate rapid business expansion, we are seeking a Senior Engineer who can lead research, development, and product implementation in advanced technical domains.

In particular, to accelerate research and large-scale development in the AI Agent domain, we urgently need to strengthen our team with engineers who can contribute to the development of core backend frameworks.

Position

Senior Backend Engineer (AI Agent Framework Team)
Role : Tech Lead or Member

You will be responsible for enhancing and optimizing the AI Agent Framework, which is utilized across our organization.

This position involves leading the implementation of complex features, such as a high-speed, scalable, multi-tenant runtime environment and interactions between multiple agents, while collaborating with internal and external development teams.

Responsibilities

As a Senior Backend Engineer, you will:

- Design and develop the AI Agent Framework:
    - Lead the development of core components, primarily in Python, to create a robust and scalable framework.

- Build architectures for agent collaboration:
    - Develop systems that enable seamless interaction and cooperation between AI agents, ensuring extensibility and adaptability.

- Implement and operate scalable runtime environments:
    - Create multi-tenant runtime environments optimized for real-time inference and performance in cloud-native settings.

- Collaborate with research teams:
    - Work closely with researchers to translate cutting-edge advancements in LLMs and AI Agents into practical product features.

- Lead the team:
    - Drive technical decision-making, improve development processes, and mentor other engineers to foster their growth.

- Optimize performance:
    - Continuously enhance system performance, ensuring reliability and efficiency in large-scale deployments.

This role offers the opportunity to work on groundbreaking technologies that push the boundaries of AI and software engineering.

Tech Stack

- Languages: Python (for framework development), TypeScript / React / Next.js (for frontend development)
- Infrastructure: GCP (containers / Kubernetes), Docker
- Tools: Slack, Confluence, Jira, Google Workspace, GitHub
- Work Environment: Mac (Apple Silicon), dual monitors available, access to AI assistants like in-house GPT tools and GitHub Copilot

Team Structure

We have approximately 30 engineers on the team, working collaboratively across multiple core development teams.

Why You'll Love This Role

- Cutting-edge technology:
    - Work at the forefront of rapidly growing fields such as large-scale language models and AI agents, gaining hands-on experience with state-of-the-art technologies.

- High autonomy and agility:
    - Enjoy the flexibility and speed of decision-making unique to a startup environment, with the freedom to introduce and experiment with new technologies.

- Global team:
    - Collaborate with a diverse, multinational team of engineers, with opportunities for communication in English (positions not requiring Japanese proficiency are also available).

- Impactful work:
    - Play a pivotal role in shaping the future of AI-driven products, directly influencing the success of our clients and industries.

- Professional growth:
    - Take on leadership responsibilities, contribute to technical strategy, and grow alongside a team of highly skilled professionals.

Work Style

Hybrid work model: 3 days in the office, 2 days remote.
Flexible working hours: Core hours can be adjusted based on mutual agreement.

スキル・資格

Minimum Qualifications

We are looking for candidates with:

- A bachelor's or master's degree in Computer Science or a related field, or equivalent practical experience.
- 5+ years of hands-on experience in backend development using Python, Java, or similar languages.
- A strong foundation in algorithms, data structures, and computer science fundamentals, with the ability to implement them in real-world scenarios.

- Experience with cloud platforms (AWS, GCP, or Azure) and container technologies (Docker, Kubernetes).
- A deep interest in LLMs and AI Agents, with a passion for staying up-to-date with the latest advancements in the field.
- Business-level communication skills in either English or Japanese (proficiency in one is required).

Preferred Qualifications

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

- Development or research experience in AI/ML, chatbots, Generative AI, NLP, or agent frameworks.
- Expertise in distributed systems or performance optimization in large-scale data environments.
- Knowledge of multi-agent system design and implementation, including frameworks for agent collaboration.
- Experience in team leadership or management, or a strong desire to take on technical leadership roles.
- Practical experience working in multinational environments or overseas.

会社説明