No Japanese Required Tech Lead / Data & Backend Engineer

Build and manage scalable data systems

募集職種

人材紹介会社
株式会社PROGRE

採用企業名
AI company leading Japan AI market

求人ID
1554605

業種
インターネット・Webサービス

会社の種類
大手企業 (300名を超える従業員数)

外国人の割合
外国人 半数

雇用形態
正社員

勤務地
東京都 23区

給与
800万円 ~ 1500万円

勤務時間
10:00〜19:00

更新日
2025年08月10日 06:15

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
ビジネス会話レベル (英語使用比率: 常時英語)

日本語レベル
無し

最終学歴
高等学校卒

現在のビザ
日本での就労許可が必要です

募集要項

As demand for Generative AI solutions continues to grow rapidly, the need for robust data infrastructure and efficient data integration systems is increasing. We are looking for a **Tech Lead** / **Data Engineer** to build and manage scalable data systems that support our AI products.

Our services rely heavily on data collection, transformation, and analysis. You will help optimize these processes and enable the continued growth of our AI-powered solutions.

Role Overview

As a Tech Lead / Data & Backend Engineer, you will be responsible for designing and operating data infrastructure to support AI model training and inference.

Key Responsibilities

Curate and manage datasets used for training AI models.

- Perform preprocessing and feature engineering to improve model performance.

Enterprise Data Integration:

- Design and implement systems for data integration in complex enterprise environments.
- Enable real-time data sync using APIs and messaging queues.
- Provide solutions for efficient cross-system data consolidation.

Database Management:

- Design, operate, and optimize RDBMS, NoSQL, and Data Warehouses.
- Implement backup/recovery strategies and maintain data consistency and security.

Data Quality & Security:

- Cleanse and normalize data to ensure integrity and accuracy.
- Define and enforce security policies and manage data access controls.

Team Structure

Our development team consists of approximately 65 members, structured into the following groups:

- Client-Facing Solution Development
- In-house AI SaaS Development
- Common Platform Development (Infra / Data / AI R&D)

スキル・資格

Requirements

Minimum Qualifications

- Bachelor's degree or equivalent practical experience in Computer Science, Software Engineering, AI, Machine Learning, Math, Physics, or a related field
- Experience with cloud platforms (AWS, GCP, or Azure) and container technologies (Docker, Kubernetes)
- Proven experience in technical leadership (e.g. Tech Lead, Lead Engineer, Scrum Master)
- Full-stack software development experience, including system design
- Hands-on experience with building data infrastructure or integrating data into product features
- Strong knowledge of data structures and algorithms with implementation experience
- Proficiency in Python and SQL for data processing
- Experience automating data workflows using scripting languages
- Database design, operation, and performance tuning experience
- Experience with data cleansing, normalization, and quality improvement
- Knowledge and practical experience in data security and governance
- Foundational knowledge and practical usage of LLMs / GenAI / RAG
- English: Business level or higher

Preferred Qualifications

- 3+ years of hands-on data engineering experience
- Experience designing and implementing data pipelines
- Experience working with RDBMS, NoSQL, and Data Warehouses
- Experience curating and managing datasets for AI/ML training
- Background in AI/ML, NLP, chatbot development, or agent frameworks
- Familiarity with big data technologies (e.g., Hadoop, Spark)
- Experience working in multinational or multicultural environments

Tech Stack / Tools

- Languages: Python (Backend), TypeScript / React / Next.js (Frontend) / NX
- Infrastructure: GCP (Kubernetes), Docker
- Tools: Slack, Confluence, Linear, Google Workspace, GitHub, Notion
- Hardware: Mac (Apple Silicon), dual monitors