

# No Japanese Required Backend Engineer

## **English speaking role**

## 募集職種

#### 人材紹介会社

株式会社PROGRE

## 採用企業名

Al company

## 求人ID

1561704

## 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, 新宿区

# 給与

700万円~1300万円

# ボーナス

給与: ボーナス込み

# 勤務時間

10:00~19:00

# 休日・休暇

完全週休二日制 所定休日:土・日・祝日 休暇:年次有給休暇、夏季休暇(3日)、年末年始休暇(12月31日~1月3日)、 慶弔休暇

# 更新日

2025年11月26日 00:00

# 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

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

#### **Role Summary**

As a Backend Engineer, you will lead the design, development, and operation of backend systems for a product suite. You will design and build scalable, robust backend architectures and technical foundations for next-generation products utilizing Al agent technologies and large language models. We expect you to contribute to enhancing product value through collaboration with cross-functional teams.

#### Why You'll Love This Role

#### · Cutting-edge voice AI technology challenges:

Work on next-generation voice dialogue systems combining ASR/TTS/LLM technologies

#### · Real-time processing expertise:

 Build highly marketable expertise through designing and operating low-latency voice streaming infrastructure using WebRTC/Twilio

## • Frontline of customer problem-solving:

 Engage directly with customers across diverse industries and experience the impact of solving their challenges with technology

#### · Socially impactful product development:

Work on high-impact projects directly contributing to corporate productivity improvements, such as call center
efficiency and sales support

#### . Collaboration with diverse talent:

Grow in a stimulating environment working alongside talented members from diverse backgrounds including Al
engineers, SREs, PdMs, Sales, and CS

#### · Balance of personal and organizational growth:

 Thrive in a dynamic field that balances individual growth with organizational development while adapting flexibly to rapid change

#### Responsibilities

#### · Al Product Development

- Design, develop, and operate backend systems for Al 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 & Al 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

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Work Style

Hybrid work model: 3 days in the office, 2 days remote.

#### スキル・資格

## Minimum Qualifications

- 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 Al-related technologies
- Language requirements (either):
  - Japanese: Fluent (able to discuss product development without misunderstandings)
  - English: Business level

# Preferred Qualifications

- 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 Al agent development
- Experience launching new businesses/products from the  $0\rightarrow 1$  phase
- · Full-stack application development experience
- Bilingual (Japanese/English)

会社説明