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Full Stack Engineer | Chatobot

Fully Remote Work★Global Environment

Job Information

Recruiter
G Talent at Bizmates, Inc.

Hiring Company
＊Platform Development (Chatbot/Payment) ＊

Job ID
1545639

Industry
Internet, Web Services

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
6 million yen ~ 8 million yen

Work Hours
Flextime System

Refreshed
July 9th, 2025 01:00

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
None

Minimum Japanese Level
Business Level

Minimum Education Level
High-School

Visa Status
No permission to work in Japan required

Job Description

【 About the company 】

Development of BX (Brand Experience) platform "BOTCHAN" and provision media business

【What is "BOTCHAN"】
This is a marketing SaaS product that uses conversational chat forms to maximize LTV.
Its strengths include the ability to complete payment within the chat form and the ability to provide comprehensive marketing
support for each funnel of recognition, purchase, inquiry, and retention. Currently, mainly four of the company's products
have been introduced to customers in various industries, including e-commerce, and the total number of customers has

exceeded 500.

【 Job Description】

■Recruitment Background
The voicebot market stands at 8.8 billion yen, in contrast to the call center market which reaches 1.2 trillion yen.

The overwhelming shortage of call center operators has resulted in numerous challenges for call center customer service. These include a decline in call reception rates, escalating response costs, and the personalization of customer service quality.

To address these issues, the company is promoting the business development of 'BOTCHAN AICALL,' a phone customer service AI agent representing a new business venture leveraging generative AI. They are currently seeking engineers to collaborate on the launch of this business.

■Responsibilities
In this role, you will collaborate with AI engineers and Product Managers/Product Owners to undertake the following responsibilities related to our in-house product, 'BOTCHAN AICALL

Maintenance development, research of new technologies, verification.

■Mission
Detailed specification design, implementation, maintenance, and operation in accordance with the product roadmap.

■Position Highlights
You will be involved in the development of products utilizing cutting-edge AI technology and T3 Stack, a state-of-the-art TypeScript technology.
Regarding the application of generative AI, you can take on the highly unique challenge of "AI-powered customer service," rather than being limited to narrow areas such as internal FAQs.
There is an environment where development can be done while actively discussing technology and architecture.
Foreign engineers make up the majority of the team, allowing you to work with global members.

■Languages used (frameworks)
・Frontend: TypeScript (Next.js, Tailwind CSS, tRPC)
・Backend: TypeScript (NestJS, tRPC), Python (FastAPI)
・Authentication: Auth.js (also using Auth0 for SAML SSO)

■ Other Information
・Cloud Infrastructure: Azure
・Database: PostgreSQL
・CI: GitHub Actions
・Source Code Management: GitHub
・Design: Vercel v0
・Business Tools: Slack, Notion, Miro, Google Workspace
・Backlog Management: Notion
・Monitoring Tools: New Relic, Sentry, PagerDuty

■ Background of Technology Selection
TypeScript has been primarily selected to maximize development efficiency and achieve service stability through Fullstack Typesafety.
For thorough AI-driven development, Next.js was adopted for the frontend implementation, aiming to leverage v0 prototypes from Vercel's v0 during the Design phase as much as possible.
TypeScript (NestJS) is used for the backend API.
Python (FastAPI) is used exclusively for the AI-specific parts.

【 Working conditions 】

- 5,000 yen/month remote work allowance
- Up to ¥10,000/month allowance for book purchases
- Remote work environment enhanced by remote HQ
Reference https://magazine.hq-hq.co.jp/n/n317017616409
- Various qualification allowances for engineering-related qualifications
- GitHub Copilot For Business , GitHub Copilot X for full-time engineers
- OpenAI paid account (application required)

Communication allowance (5,000 yen per month)
Commuting allowance: commuting expenses paid (up to 30,000 yen)
Housing allowance: Rent subsidy system (conditions vary depending on years of employment)
*Rent subsidy...20,000 yen (within 3km radius) for those who have worked for less than 3 years, 30,000 yen (no distance specified) for those who have worked for more than 3 years
Social insurance: fully provided
Paid holidays are encouraged (e.g., anniversaries, GW, etc.)
In-house massage (once a month, company pays the cost)
Celebration and condolence expenses (congratulatory and sympathy money)
Maternity and paternity leave
Lunch subsidy
Lending of PCs

Second job: Permitted (subject to company regulations)

【Holidays】
Saturday/Sunday/National Holiday
Annual Paid Leave
New Year Holiday
Parental Leave
Congratulations & Condolence Leave

Required Skills

【Required】
■Experience
2+ years of backend development experience for web services using statically-typed languages (e.g., Java, Go, TypeScript).
1+ year of experience in infrastructure operation and maintenance using cloud services (e.g., Azure, AWS, GCP).
Practical experience working in a team using Git.

■Skills
Language proficiency equivalent to JLPT N1-N3 level.
Logical thinking skills.
Communication skills.
Technical writing skills.

■Knowledge
Knowledge of project management.

【Preferred】
■Experience
Practical experience in AI-driven development using tools such as Cursor, Windsurf, and Devin.

■Knowledge
Knowledge in the fields of AI or data science.

【Ideal Applicants】
■Must
Honesty and unlearning ability
Proactive attitude and team-oriented spirit
Positive mindset
Perseverance
Sense of responsibility
Intellectual curiosity and eagerness to learn

Company Description