

G Talent

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Web Engineer 【Nursing Care DX Service】

Hybrid Work★Side-job OK

Job Information

Recruiter

G Talent at Bizmates, Inc.

Hiring Company

★Service Development using Healthcare, Data Science and A.I.★

Job ID

1490339

Industry

Internet, Web Services

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

4 million yen ~ 8 million yen

Work Hours

Discretionary Work System

Holidays

Saturday/Sunday/National Holiday, Annual Paid Leave, etc.

Refreshed

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General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

High-School or Below

Visa Status

Permission to work in Japan required

Job Description

【About the company ...】

With the mission of "solving social issues with the power of health tech," the company provides unique and innovative services to address issues in the medical, nursing, and healthcare fields by utilizing digital technologies such as IoT, sensors, AI, and data analysis.

The company is a start-up IT company working to solve problems in the areas of medical care, nursing care, and childcare. In particular, it is developing businesses to improve and support the working environment for essential workers. The company aims to enrich the lives of people involved in healthcare by combining the power of people with cutting-edge technologies (data analysis, AI, IoT, sensors). So far, it has developed and provided one-stop services ranging from devices to AI algorithms and software by utilizing its technological assets. The solutions it provides by multiplying these expertise embody its raison d'être of supporting essential workers.

- Utilizing the latest technologies such as AI and IoT, the company has developed devices, software, and infrastructure in a single integrated process.
- In its monitoring service for nursing care facilities, the company centralized nurse call, vital signs management, camera, and other monitoring systems that had previously been operated separately, and achieved a significant reduction in man-hours by consolidating the primary response to nurse calls at multiple facilities. The company received an award of excellence at the Age Tech 2021 Awards and raised funds last December, and there are high expectations for the company from various quarters.
- The CTO, who is currently in charge of the healthcare division, is a former employee of Silicon Valley IT companies such as Google and NVIDIA, etc. This is a company where you can work with excellent employees.

[Job Description]

This is a position for a web engineer who will focus on building DB and API to support the release and rapid expansion of the new business, a monitoring and call center system for nursing care facilities. You will work on the construction and development of the architecture and back-end systems that continue to turn around quick hypothesis testing for a system that can be used safely and securely. You will be able to challenge policy formulation and technology selection at your own discretion together with the CTO and lead engineers.

[Responsibilities]

- Overall product development, including design, development, and testing in the back-end area
- Structural design and construction of mechanisms and back-end systems to improve product quality, stability, safety, and scalability
- Policy formulation and technology selection for middleware, frameworks, etc.

(Specifically)

- Mainly OwlCare backend implementation
 - Alarm manager generation logic
 - Implementation of Message Queue and Cache, the flow of messages from IoT
 - API development with 3rd party devices and middleware

[Development Environment]

- Version Control : Gitlab
- Framework : Meteor
- Mobile apps: Xcode, SWIFT, Android Studio, Kotlin
- Front-end : React
- Backend : MongoDB, MQTT, TypeScript, Asterisk, Node.js
- Infrastructure: Linux (Ubuntu Server) Docker, Kubernetes, Prometheus, Grafana, Rancher, Proxmox

*Technologies used will vary depending on the project.

*In addition to the above, there are cases where you may be involved in technology selection.

[About the Nursing Care DX Service]

《Integration of Sensors and Nurse Calls Reduces Workload of Nursing Staff》

This service integrates various types of monitoring sensors and nurse call systems that have been provided separately. By utilizing AI, such as behavior detection, this service provides nursing staff with optimal information and interactive communication with residents. The service received an award of excellence at the Age Tech 2021 Awards.

In light of the further shift to nursing homes and home medical care after 2025, the company is also considering the development of a function to monitor home care in the future and the use of data for preventive medicine by accumulating nursing care data.

[Recruitment Background]

■ Team Strengthened as Funding and Sales Expand

One of the company's core businesses is "Babymoni," a noon sleep check service for childcare facilities. With an eye on further business expansion, the company is looking for an engineer to help grow the product. If you are ready to take on the challenge of solving social issues together, please apply!

[Working time]

Discretionary Work System

[Welfare]

Health insurance, Employee's pension, Unemployment insurance, Workers' accident compensation insurance

■ Discretionary labor system

■ Telecommuting and Remote work available

*Conditions may change depending on development status (currently 4 days a week in the office, 1 day a week remotely)

*Individual consultation is available for families with infants and toddlers or those who need nursing care.

- Casual clothes OK
- Qualification acquisition support system
- Subsidies for participation in seminars and courses
- Subsidy for purchasing books
- Side job is allowed
- Devices provided (Mac/Windows)
- Free drinks in the office
- Refreshment time during working hours, such as going to the hospital, going to the gym, going for a walk, etc.
- Stock option system

[Holiday]

123 days per year (breakdown)

2 days off per week (Saturdays, Sundays and national holidays)

Paid leave (10 days in the first year)

Summer vacation (3 days between July and September), year-end and New Year vacations, special leave for infectious diseases, congratulation or condolence leave

Maternity leave, childcare leave, nursing care leave.

Required Skills

■ **Required** (Any one of the following is required. More than one is preferable.) (regardless of duration)

- 2+ years of experience in development
- Experience in backend development using on-premise and public cloud
- Experience in development using Javascript, Typescript, NodeJS
- Experience in progress management (required) (regardless of the number of members in the project or management)
- Experience in IF design, development, and operation of APIs
- Experience qualitatively analyzing and resolving the causes of technical problems in systems
- Experience in data design, implementation, operation, and performance tuning using NoSQL such as MongoDB

■ **Preferred**

- Experience in structural design in back-end systems
- Experience in middleware and framework technology selection
- Experience in scrum development
- Experience in IoT system development and operation
- English reading skills (if you are good at this, we would like to entrust you with checking specifications, etc.)

To be assigned to the Engineering Team (12 people) of the Healthcare Division.

Hardware team: 5

Software team: 4

Infrastructure team: 2 people"

(1 engineer for other services)

Company Description