

**G Talent**

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## Software Engineer (Backend) | Featured Fin-tech Company

**Fully Remote Work★In-house Development**

### Job Information

**Recruiter**

G Talent at Bizmates, Inc.

**Hiring Company**

\*\*Promote social implementation of blockchain\*\*

**Job ID**

1484104

**Industry**

Internet, Web Services

**Job Type**

Other

**Location**

Tokyo - 23 Wards

**Salary**

7 million yen ~ 12 million yen

**Work Hours**

Flextime System

**Holidays**

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

**Refreshed**

July 19th, 2024 09:01

### General Requirements

**Minimum Experience Level**

Over 6 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]**

The company creates value through technology by implementing blockchain in society.

In order to promote the social implementation of blockchain, the company conducts PoC with partner companies, business planning, and R&D in the areas of scalability and interoperability, which are challenges for blockchain.

Blockchain technology is still in its infancy, but over the past few years, various demonstration experiments and R&D projects have been conducted around the world, and the groundwork has gradually been laid for social implementation in terms of both business and technology.

The company has also accumulated knowledge and expertise in the use of blockchain through joint projects with leading Japanese partner companies in the financial and mobility fields.

#### [Examples of Initiatives]

The company and Toyota Financial Service conduct a demonstration experiment for "proof of value" and "transfer of ownership" of vehicles using blockchain.

In the area of R&D, the company is developing solutions for scalability and interoperability, which are frequently pointed out as blockchain issues.

The company is sincerely committed to "social implementation of blockchain" and realizing the creation of value through technology.

### [JOB DESCRIPTION]

#### ■Mission

The company is a tech startup engaged in research and product development in the area of "interoperability," which connects different blockchains. Now in its sixth year of operation, they are about to launch their service in a production environment based on the results of their research and development and demonstration experiments to date.

The Software Engineer will be expected to design and develop interoperability-related OSS products that the company promotes and develop, as well as design and develop back-end systems for product development using these products. Specifically, you will be expected to be involved in the development of "cross-chain bridge" applications that execute transactions such as token transfers between different blockchains (cross-chain transactions).

As of September 2023, the company focuses on the following OSS

YUI: <https://github.com/hyperledger-labs/yui-docs>

LCP: <https://github.com/datachainlab/lcp>

Cross Chain Bridge will be offered for global use under the project name "TOKI".

<https://twitter.com/tokifinance>

Domestically, the company is highly regarded for its technical expertise through technical tie-ups with Mitsubishi UFJ Trust and Banking Corporation, NTT Data, and other companies.

In the future, in addition to the commercialization of cooperative businesses in Japan, they aim to provide services and enhance their presence on a global scale.

#### ■Examples of Development Environments

(\*This may be different for each project.)

- Languages: Go, Rust, Solidity, etc.
- Blockchain: Ethereum, Tendermint, CosmosSDK, etc.
- Web frameworks: go-kit, etc.
- RDBMS: MySQL
- Middleware: gRPC, Elasticsearch
- Infrastructure: AWS (ECS, Aurora, ElasticSearchService, CloudHSM, etc.)
- CI/DevOps: CircleCI, Terraform
- Monitoring: Datadog
- Source code management: git
- Project management: GitHub, Wrike
- Information sharing tools: Slack, Kibera, etc.

#### ■About Datachain

- SpeakerDeck
  - <https://speakerdeck.com/datachain/company-deck/>
- Mass Adaptation of Web3 | The Future of Digital Assets (Contributed by Hisada, President of Datachain)
  - <https://www.coindeskjapan.com/177503/>

#### ■About TOKI (In-house developed products)

- The cross-chain world that TOKI is aiming for, what will happen? The Future of Stablecoin
  - <https://open.spotify.com/episode/0LS06ZmSE25Fq8jN45VRR3>

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### [WELFARE]

Full Social Insurance  
Stock Option  
Commuting Allowance

Family Allowance  
 Telecommuting System  
 Training/Self Development Allowance

Making an environment where engineers can be more enthusiastic and excited about development together with the engineers.

- High-spec MacBookPro is provided every two years.
- A keyboard and mouse of your choice are provided.
- Choice of chairs (Ergohuman or Contessa)
- Side jobs are allowed (personal service development, technical advisor, etc.)
- Book purchase expenses covered (up to 10,000 yen per month)
- Company pays for up to 10,000 yen per month for personal use of cloud environment
- Library for employees (O'Reilly's latest publications are delivered as needed)
- Lounge work environment with sofas and standing tables
- Unlimited coffee (using Speee's original blend of beans)
- Conference participation expenses covered (lodging and travel expenses also covered)
- Assistance in obtaining qualifications (the company will pay up to 30,000 yen for any qualifications related to your work)

#### **[Holidays]**

- Saturday/Sunday/National Holiday
- Annual Paid Leave
- New year Holiday
- Summer Holiday, etc.

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#### Required Skills

##### **■Required**

- Work experience in team development and back-end system development
- 5+ years of experience in development using statically typed languages (Go, C/C++, Java, Rust, Scala, etc.)
- (Less than 5 years is also acceptable if you have an academic background or student activities similar to computer science.
- Experience in design and implementation requiring technical skills (any of the following)
- Experience in continuous contribution to OSS
- Experience in middleware development
- Experience in development of technically challenging products (examples below)
- Large-scale systems that require high-load processing (social games, ad tech)
- Systems that require high reliability (data infrastructure, FinTech)
- Highly distributed systems (IoT, Blockchain)
- Able to implement based on English literature on systems systems.
- Basic knowledge of computer science.
- Interest in the technologies that make up Blockchain

##### **■Preferred**

- Communication skills (other than reading) using English
- Advanced knowledge of concurrent/asynchronous programming
- Advanced knowledge of distributed systems
- Advanced knowledge of security and cryptography

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#### Company Description