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Senior Backend Engineer | Privacy Tech Startup

Fully Remote Work★In-house Service

Job Information

Recruiter

G Talent at Bizmates, Inc.

Hiring Company

*Privacy-tech Start-up Company *

Job ID

1516675

Industry

Internet, Web Services

Job Type

Permanent Full-time

Location

Aichi Prefecture

Salary

8 million yen ~ 15 million yen

Work Hours

Flextime System

Refreshed

January 22nd, 2025 15:59

General Requirements

Minimum Experience Level

Over 3 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]

Develops support services for data utilization using privacy tech technology.

Provides AutoPrivacy, a service that builds a data clean room (an environment where data from multiple businesses is crossed and utilized while protecting privacy).

Development of Data Anonymizer, a service that automatically detects and masks personal information entered in ChatGPT prompts. (Beta version as of February 2024)

Development of support business related to the introduction of privacy-enhancing technologies (PETs) and the development of new services and products utilizing PETs.

Operates the PrivacyTech Institute, a website that disseminates information related to privacy tech.
 With the mission of "Solving social issues with privacy tech," the company's purpose is "Creating a discontinuous future, overwhelmingly."

[Job Description]

The company is a privacy tech company with expertise in privacy protection technology and personal information. The company has developed its own technology that combines mathematics, cryptography, and law, and provides the "AutoPrivacy DataCleanRoom," a data cleanroom construction platform, and "AutoPrivacy Governance", a privacy governance management tool.
 "AutoPrivacy DataCleanRoom" enables secure and flexible data collaboration among multiple businesses by combining privacy-preserving technologies such as secret computation and federated learning. After a demonstration experiment with several partners, the service was launched in full scale in August 2023.

■Responsibilities

AutoPrivacy back-end design, development, and operation that can be scaled flexibly with business growth
 Custom development and operation according to customer needs

■Technical Features of the Product

Privacy-preserving technologies (e.g., secret computation, differential privacy, federated learning) available in the cloud
 Responsible for processing tens to hundreds of millions of table data per customer and data federation
 High level of security required for large enterprises
 Cross-cloud functionality that enables data integration across multiple clouds

■Development Environment

Product Development

Languages: C++, Go, Python, TypeScript, React, Next.js

Environment: FastAPI, Hasura, PostgreSQL, Argo Workflow, Google Compute Engine, Google Kubernetes Engine, Cloud Run, Google App Engine, Cloud SQL, AWS EC2, AWS Fargate, Azure VM, Azure Kubernetes Service, gRPC, GraphQL

R&D Core Technology Development

Languages: C++, Python, Julia

Environment: gRPC, Bazel

Common

CI: GitHub Actions

Monitoring infrastructure: Prometheus, Grafana, Loki, Thanos, Uptime Kuma

Environment: Docker Compose, Kubernetes, Docker, Terraform

Infrastructure: GCP, AWS, Azure, On-pre (in-house GPU environment)

Tools

Source code management: GitHub

Documentation: Notion, GitHub

Communication: Slack, Discord, Figma

[Working conditions]

< Welfare >

Full Social Insurance

Telecommuting System

< Working hours >

Flextime System

< Holiday >

Saturday, Sunday, National holiday

Annual paid leave

New year holiday

Parental Leave

Special Paid Leave

Bereavement Leave

Summer Holiday

Required Skills

■Required

Experience in back-end development using statically typed languages (Go, Java, Rust, TypeScript, etc.)

Experience developing and operating web services using cloud infrastructure (AWS, GCP, Azure, etc.)

Experience in one or more of the following

Experience as a Tech Lead or Team Lead responsible for launching a web application for a service

Experience leading an organization at the engineering manager or higher level

Communication skills in Japanese: Business level or above

■Preferred

Experience in Go, Python, or C++ development

Experience in back-end development for products/systems that require fast and reliable processing of large amounts of data, such as ad technology and large-scale services

Experience in back-end development and operation for large companies that require a high level of security
Experience running container orchestration tools such as k8s in production
Experience with ISUCON awards
Knowledge of data warehousing, data cleanrooms, BI tools (and related products, SaaS development)
Experience leading organizational decision making as VP/CTO

■ Ideal Applicants

Empathy with the values of Be Cool, Be Hacker

Looking for an environment where they can challenge themselves even more voraciously after having developed services for major companies before jumping into venture businesses and startups.

Willing to take on the challenge of developing products with a high degree of technical and business difficulty by utilizing your experience in both B2C and B2B service development.

Company Description