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DevOps/SRE | 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
1498247

Industry
Internet, Web Services

Job Type
Permanent Full-time

Location
Aichi Prefecture

Salary
6 million yen ~ 10 million yen

Work Hours
Flextime System

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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 purse 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 offers AutoPrivacy, a data cleanroom construction platform, as a service to major Japanese companies and other businesses that hold large amounts of data.
"AutoPrivacy" enables secure and flexible data collaboration among multiple businesses, combined with privacy protection technologies such as secret computation and federated learning. After a demonstration experiment with several partners, full-scale service provision began in August 2023.

■Responsibilities
You will be responsible for the following tasks in "AutoPrivacy", a data cleanroom construction platform.
Toil reduction through automation and streamlining of infrastructure construction and operation based on IaC (Infrastructure as Code)
Design, construction, and operation of infrastructure such as deployment infrastructure for privacy protection technology modules, CI/CD infrastructure, and monitoring infrastructure
Design and implementation of product reliability improvement and maintenance and security enhancement
Improving the developer experience through policy implementation, automated testing environment, build acceleration, and other development environment improvements and construction.
In addition, you will be responsible for the following tasks for customization in large-scale implementations.
Establishing a mechanism to minimize delivery costs associated with the addition of individual company environments resulting from customization

■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
Flexible workflow and privilege management functions

■Attractiveness
Entering a phase of accelerated business growth!
The foundation of the business is solidifying in terms of core technology, capital, and customer base.
Successful invention and modularization of core technologies through R&D
Completed 790 million yen fundraising through Series A equity + financing
Hakuhodo, ctc, and other major companies have become clients of the company
Privacy protection is essential for business-to-business data collaboration, and the larger the company, the more interested they are in AutoPrivacy. The initial market need is now emerging, and the company's products are beginning to grow.
Why don't you join the company and challenge the market of privacy protection and data integration?

■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 Kuberenetes 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 as a DevOps engineer or SRE
Experience in web application development
Experience in cloud infrastructure operations

■Preferred
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 with back-end development and operations requiring high security standards for large enterprises
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)

■Ideal Applicants
Enpathy with the values of Be Cool, Be Hacker.
Looking for an environment where you can challenge yourself even more voraciously after having developed services for a major company and then jumped into a venture or a start-up.
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