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Backend Engineer | ICT Service

Fully Remote Work★In-house Development

Job Information

Recruiter

G Talent at Bizmates, Inc.

Hiring Company

✦ICT Services for Childcare and Educational Facilities✦

Job ID

1562748

Industry

Internet, Web Services

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards, Shinagawa-ku

Salary

5 million yen ~ 8 million yen

Work Hours

9:00~18:00

Holidays

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

Refreshed

October 23rd, 2025 14:52

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Daily Conversation

Minimum Japanese Level

Business Level

Minimum Education Level

High-School

Visa Status

Permission to work in Japan required

Job Description

【 About the company 】

Operation of ICT service "Codomon" for childcare and educational facilities
Operation of photo sales service
Payment agency service
Recruitment support business

Preschool recruitment support business
 Operation of EC site "Codomon Store" for childcare facilities
 Online training business

[Job Description]

This service originated within ExaWizards Inc., a leading AI-focused listed company in Japan, and is now a rapidly growing AI photo service under the umbrella of Codmon Group, the largest ICT service provider for childcare and educational facilities in Japan. It is a SaaS platform incorporating multiple proprietary AI models that significantly reduces the workload associated with photographing, organizing, and sharing photos during childcare and education. This contributes to reducing the burden on childcare providers, enhancing parents' sense of security and trust in the facilities, and ultimately leading to better childcare and education.

In this position, you will primarily be responsible for the development, operation, and improvement of the backend and infrastructure systems for "Tlink."

You will be mainly responsible for the following tasks.

■ Main Development and Operations Tasks

- ・ Development of backend applications primarily using Python.
- ・ Management and optimization of cloud infrastructure using Terraform.
- ・ Monitoring of existing services and systems, and handling alerts.

■ Position Highlights

- ・ By collaborating with childcare and educational institutions and tackling industry challenges, you can engage in product development while experiencing a sense of social contribution.
- ・ By working on service development utilizing cutting-edge AI, you can deepen your knowledge of AI.
- ・ Experience and know-how in growing a product can be gained through the development and improvement of a growing product.
- ・ You can proceed with your work with autonomy.
- ・ Depending on your preferences and aptitude, there are opportunities to be involved in a wide range of technical areas such as frontend development, GPU computing, and MLOps.

■ Environment

- ・ Fully remote and flexible working hours (there are team members residing in remote locations).
 *Please note that there may be cases where coming to the office is required.
- ・ Foreign engineers are part of the team (opportunities for communication in English are available; those who are not comfortable with English are also welcome).

■ Tech Stack

- ・ ML/DL
 PyTorch, ONNX, TensorRT, AWS SageMaker, Triton Inference Server, CVAT
- ・ Server-side
 FastAPI, SQLAlchemy, Python, Docker, TypeScript
- ・ Infra
 AWS ECS, AWS Lambda, AWS Cognito, AWS API Gateway, etc...
- ・ Monitoring
 Sentry, AWS CloudWatch, Grafana
- ・ Storage
 PostgreSQL, MySQL, Redis, AWS S3
- ・ CI/CD
 GitHub Actions
- ・ IaC
 Terraform

The company is looking for engineers who have a strong interest in improving the quality of childcare and education, which is a social issue, and who want to lead the service while actively incorporating innovative technologies.

[Welfare]

- Transportation & Remote Work Expense Allowance (¥10,000 - ¥20,000 per month)
- Congratulatory and Condolence Money (Example: Childbirth/Childcare Support Fund ¥300,000)
- Child Allowance
- Full Social Insurance Coverage
- Access to Paid Plans for Generative AI Services
- Subsidies for Book Purchases and Seminar Participation
- Qualification Acquisition Support
- O'Reilly Learning Platform (Product Development Department)
- Communication Support
- Office Journey Support
- * Subsidizes transportation and accommodation expenses (up to 2 nights) for travel between Tokyo and Miyazaki.
- Club Activity Subsidies
- Free Vending Machine
- * Free drinks when two security cards are touched simultaneously.
- cotree (Online Counseling Service)
- * Free consultations with clinical psychologists, certified psychologists, and career counselors.
- Kanto IT Software Health Insurance Association
- * Subsidies for the use of recreation facilities, travel, sports facilities, etc.

* Checking health checkup results and medical expenses, earning and exchanging points.

- Influenza Vaccination Subsidy
- Subsidies for Gynecological Examination Expenses
- Provision of Supplies
- Free Distribution of Official Codmon Goods
- 2-Day New Employee Orientation
- Buddy System

* A dedicated senior employee is assigned for the first 3 months after joining to provide support whenever needed.

- Half-Day Weekly Learning Investment System Allowing Dedication of Work Hours to Self-Study

- Casual Attire Allowed

<Certifications Acquired>

- Initiatives to Promote Women's Advancement: Eruboshi Certification (3 levels)

- Initiatives to Support Work-Life Balance (Childcare): Kurumin Certification

[Holidays]

- Complete 2-Day Weekend: You'll have Saturdays, Sundays, and national holidays off.
- Paid Leave: Granted on your start date, plus an additional 4 days on top of the statutory minimum every July.
- Year-End and New Year Holidays: From December 29th to January 3rd.
- Bereavement Leave: For special circumstances.
- Smoking Policy: Generally non-smoking indoors, though a designated smoking area is available.

Required Skills

[Required]

- 2+ years of backend development and operation experience for web services.
- Experience implementing test code using pytest, xUnit, etc.
- Experience in designing, building, and operating systems using cloud platforms such as AWS, GCP, or Azure.
- Knowledge and practical skills in DevOps, including CI/CD, containers, orchestration, and monitoring.
- Ability to communicate with English-speaking engineers (translation tools etc. can be used).

[Preferred]

- Development and operation experience of web services using Python.
- Knowledge of web application security and best practices.
- Experience in designing, implementing, and operating scalable cloud-based services.
- Experience in infrastructure management using IaC tools such as Terraform or Ansible.
- Knowledge and development experience related to AI processing systems.
- Knowledge and practical experience in image processing technology.
- Experience leading or mentoring a team, or experience working at a startup.

[Ideal Applicants]

- Possesses strong ownership, can independently identify issues and areas for improvement, and take action.
- Able to demonstrate technical leadership and guide the team.
- Actively learns about and flexibly incorporates new technologies and unknown fields.
- Has a strong awareness of quality and an attitude of pursuing engineering best practices.
- Values communication with those around them and can maximize the overall team's achievements.
- Has a strong interest in social issues and improving the educational field, and finds fulfillment in creating services that enhance the quality of childcare and education.

Company Description