



Fullstack Engineer | 9M yen

Job Information

Recruiter

[iWill Capital G.K.](#)

Job ID

1499449

Industry

Other (Infrastructure)

Company Type

Small/Medium Company (300 employees or less)

Non-Japanese Ratio

About half Japanese

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7 million yen ~ 9 million yen

Refreshed

November 15th, 2024 07:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Daily Conversation

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Job description

The team is a software engineering team to create tooling that assists scientists with sharing algorithms with the rest of the company. These algorithms use satellite data and machine learning/image processing algorithms. We are looking for a full-stack engineer to help us build a pipeline to run geoscience algorithms and models efficiently.

About Dept. and Unit:

The Solutions Development Department is responsible for developing models and algorithms that produce actionable insights for customers not specialized in the earth observation business. These algorithms may use multiple sources of data, including our own satellite data. To that end, we develop an analytics platform that enables the production of geoscience insights efficiently and easily.

The execution team is a lean team that embraces a learn-fast mentality and prioritizes useful solutions for difficult business problems. The role itself will be flexible in terms of both work, experience, and learning opportunities.

Responsibility:

- Design and build solutions to help scientists develop algorithms
- Build and maintain a cloud-based software system to run algorithms automatically.
- Develop and analyze metrics to help drive our North Star to develop and run geoscience algorithms.

Details of work:

- Design and develop a pipeline to run geoscience algorithms. Be responsible for all parts of this pipeline which spans all of the web stack
- Develop tools to improve efficiency of geoscience algorithm production from inception to productization. These tools serve both the producers (scientists) and the consumers (sales team)
- Cross-functional collaboration with multiple stakeholders to develop a product.

Selling points of this role:

- Learn all parts of the web stack in a “learn fast” environment including both development and product planning.
- Work with geoscientists, discuss the science and improve on the algorithms.
- Be part of a venture to change the world through using Synthetic Aperture Radar (SAR) data
- Work with a group of driven engineers across multiple disciplines to achieve our goal of a learning world.
- Work with a variety of people from diverse backgrounds

Required Skills

Minimum qualifications Preferred qualifications :

- 2+ years of experience as a software engineer
- Experience building customer-facing cloud-native systems on one of the major cloud providers using Kubernetes and Docker
- Experience working with git
- Experience in designing and developing microservices
- Experience working with Linux-based systems
- Experience in software development for internal use (requirement gathering, designing, programming and maintenance)
- preferred technical skills: python, javascript, go, vue, react, GCP APIs
- Experience in working in a team loosely following agile methodology
- Ability to communicate in English

Preferred qualifications:

- Experience with Flask, Jupyter notebooks, containerized workloads, developing tooling for VSCode, Python’s poetry and Javascript.
- Experience with Kubeflow or ML training pipelines is a plus
- Experience with Google Cloud Platform
- Experience managing CI/CD pipelines
- Experience in handling GIS/Map data and services
- Ability to communicate in Japanese

- 5+ years of Python experience a plus

Company Description