

Full Stack Engineer

Job ID	2593
Contract Type	Permanent
Location	Tokyo
Apply from	Overseas OK (Relocate to Japan)
Work type	Hybrid
Japanese Level	Not required
English Level	Business
Salary	Yearly JPY 5.0 M to JPY 8.0 M
Skills	Docker, Kubernetes, Git, Linux, Python, React
About the company	<p>We are a solution provider with its own SAR (Synthetic Aperture Radar) satellite constellation.</p> <p>It constructs and operates a constellation through the development and operation of small SAR satellites, generating and providing data. Using proprietary data analysis capabilities, we offer data-driven solutions to various global challenges.</p> <p>Our main business activities include the operation of a satellite constellation through the development, manufacturing, and launch of small SAR satellites and related systems. This encompasses the sale of acquired data and the development and sale of data analysis solutions.</p>
Roles and Responsibility	<p>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.</p> <p>About Dept. and Unit: Our Solutions Development Department is responsible for developing models and algorithms which 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.</p> <p>Responsibility:</p> <ul style="list-style-type: none"> • 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. <p>Details of work:</p> <ul style="list-style-type: none"> • 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. <p>Selling points of this role:</p> <ul style="list-style-type: none"> • Learn all parts of the web stack in a “learn fast” environment including both development and product planning.

	<ul style="list-style-type: none"> • 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.
Minimum Qualification	<ul style="list-style-type: none"> • 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, Golang, Vue, React, GCP APIs • Experience in working in a team loosely following agile methodology • Ability to communicate in English
Preferred Qualification	<ul style="list-style-type: none"> • 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
Conditions/ Benefits	<p>Employment system: Permanent</p> <p>Location: Kiyosumi Shirakawa, Tokyo</p> <p>Annual Salary: 5M ~ 8M JPY</p> <ul style="list-style-type: none"> • Based on experience, ability, and previous work experience • Personnel evaluation system every 6 months <p>Hours: Flextime system</p> <ul style="list-style-type: none"> • Core time from 11:00 - 15:00 • 2 days off a week (weekends) including Japanese public holidays • 10 days of paid time leave granted first year with an increment of 1 day every following year (ex. 11 days in the second year) up to a maximum in accordance with Japan's labor laws. <p>Probation: 3 months</p> <p>Benefits:</p> <ul style="list-style-type: none"> • Language learning support (Up to 30,000 yen /month) • Employee stock option • Job-related learning expenses covered • Side business allowed • Social insurance and annual medical check • Maternity and childcare leave • No dress code • No smoking on the premises (outdoor or indoor smoking areas available)
Interview Process	<ol style="list-style-type: none"> 1. Application Screening 2. 1st Interview 3. 2nd Interview 4. 3rd Interview 5. Offer <p>※ This process is subject to change.</p>

How to Apply

Please send your resume and a cover letter detailing why you believe you are a strong fit for this position to asif.matservices@gmail.com

[LinkedIn.com/Company/MATServicesBD/](https://www.linkedin.com/company/MATServicesBD/)