Closed

Cloud Infrastructure Engineer

Job ID	2287
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	AWS, Docker, Kubernetes, Terraform
Minimum Requirement	• Experience with Docker and Kubernetes on Google Cloud or AWS for more than 3 years. • Experience working in a team of more than 3 members. • Experience managing infrastructure by Infrastructure as Code tool (such as Terraform, Pulumi, etc) for more than a year. • Experience with Observability and Site Reliability Engineering. • Experience with cost optimization of systems. • Experience with Incident Management and Post-Mortem Analysis. • Basic Networking Principles and Concepts. • Comfortable with communicating in English, both written and spoken. • Able to commute to our Tokyo head office (at Kiyosumi Shirakawa, Tokyo. Expected frequency is 2 or 3 days per week).
About the company	We are a solution provider with its own SAR (Synthetic Aperture Radar) satellite constellation. 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. The main business activities of ours 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.
Roles and Responsibility	The Data Production Department is responsible for satellite operations, image data production, and distribution of data products of our proprietary small SAR (synthetic aperture radar) satellites, the "StriX" series. The Satellite Operation Planning Unit has the responsibility of making operation plans of our satellites, generating commands for the satellites based on the operation plans, and registering the generated commands to our satellite control system. The unit is also responsible for data management necessary for operations. **Responsibility:** In this position, as a member of the Data Production Department, you will join the Satellite Operation Planning Unit which is responsible for developing and operating the Spacecraft Control Subsystem for our small SAR satellite constellation "StriX" series. The Spacecraft Control Subsystem is one of the subsystems to operate our satellite constellation. Our responsibility is to keep the system working reliably at all times.

	Details of work: The roles of the Spacecraft Control Subsystem are making operation plans for our satellites, generating commands for them, and calculating specific information of our satellites such as past and future position and velocity data to use them in the planning process. Since this is an in-house system development, we will not only develop but also operate the system to add and improve future functions. The person in this position has the responsibility to maintain and update the infrastructure of the Spacecraft Control Subsystem, and achieve continuous improvement without any troubles. The person will also collaborate with other infrastructure engineers in the company to introduce best practices to our system, support development and operation of other systems. **Selling points of this role:** We've already operated 3 satellites in orbit, and the number of satellites will increase rapidly in the near future. Because the Spacecraft Control Subsystem has already been used for our daily operations, we cannot perform our daily satellite operations without it. You will be involved in the maintenance and operation of such an important system. You will be also involved in the core of our business by maintaining the Spacecraft Control Subsystem because it has interactions with our data platform which is used as the frontend to customers, and the Data Processing Subsystem which generates SAR products. Now we plan to expand our satellite constellation rapidly and we are required to operate our satellites with more stability and less personal effort. You will be able to show your skill and grow yourself through achieving these requirements.
Minimum Qualification	• Experience with Docker and Kubernetes on Google Cloud or AWS for more than 3 years. • Experience working in a team of more than 3 members. • Experience managing infrastructure by Infrastructure as Code tool (such as Terraform, Pulumi, etc) for more than a year. • Experience with Observability and Site Reliability Engineering. • Experience with cost optimization of systems. • Experience with Incident Management and Post-Mortem Analysis. • Basic Networking Principles and Concepts. • Comfortable with communicating in English, both written and spoken. • Able to commute to our Tokyo head office (at Kiyosumi Shirakawa, Tokyo. Expected frequency is 2 or 3 days per week).
Preferred Qualification	• Experience with Development with event driven processes. • Experience integrating tracing solutions in a microservices based system. • Experience working as a leader or sub-leader in infrastructure management. • Experience developing and operating large-scale applications. • Experience designing cloud architecture with Google Cloud or AWS. • Experience working in the space domain (ground system development is ideal) • Fluent communication in Japanese.
Conditions/ Benefits	**Employment system:** Permanent **Location:** Kiyosumi Shirakawa, Tokyo **Annual Salary:** 5M ~ 8M JPY • Based on experience, ability, and previous work experience • Personnel evaluation system every 6 months

	Hours: Flextime system • 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. **Probation:** 3 months **Benefits:** • 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	1. Application Screening 2. 1st Interview 3. 2nd Interview 4. 3rd Interview 5. Offer ※ This process is subject to change.
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