# Quality Assurance Engineer

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| Job ID | 2350 |
| 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 | Python, Linux |
| About the company | **Synthetic Data for Perspective**<br><br>We provide one-stop solutions, using geospatial data from its own SAR satellites in line with its mission to create a progressive world based on real data. We are building a constellation of our own small SAR satellites to provide data and analytic information to governments and commercial entities.<br><br>We are the only company in the world with the capabilities to both develop and operate its own satellites and provide analytics solutions. We offer subscription-based solutions and new solution development with collaborative prototyping:<br>• Infrastructure development<br>• Energy and natural resources development<br>• Disaster risk management<br><br>We have already successfully launched two satellites, and are aiming to launch six satellites by 2023 and a constellation of 30 satellites around 2026. According to our calculations, if we can operate 30 small SAR satellites, we will be able to acquire and analyze local ground data within two hours of a disaster anywhere in the world, and provide information that will contribute to decision-making in disaster response. Even if an earthquake, flood or other disaster occurs during the nighttime and it is difficult for people to enter the area, we will be able to quickly observe and confirm the situation.<br><br>**Our CREDO:**<br>• **Synergy of Spirit:** We embark on this journey together, bringing with us our combined experiences and life. As a team, we recognize that the team's goals are also personal goals, and personal goals are the team's goals. We each share a part of the responsibility to succeed.<br><br>• **Synthesis of Knowledge:** We try to create new value under conditions that have huge uncertainty and volatility. The only way for us to succeed is to progress through trial and error that we learn from and make changes based on our new knowledge.<br><br>**Synched with the Future:** We have an obligation to create a sustainable future for the next generations. To do so, we must tackle tough challenges as pioneers, leaving our comfort zones that prevent our growth. |
| Roles and Responsibility | We are expected to have a fast growing number of satellites in the near future. Each one of these satellites will produce thousands of images a year. The produced images must comply with our product quality standard to be delivered to users. The task of this job is to assure the quality of daily produced images and test newly released processing pipelines |

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| | **Details of work**<br>- Test the newly software versions and the quality of produced images including the SAR processing pipeline and its performance<br>- Review and design processing procedure to improve the quality of the images and pipeline quality<br>- Create standards and procedures for developers to follow<br>- Report the quality to product stakeholders and engineers<br>- Monitor quality of the produced images and the SAR image processing pipeline performance<br><br>**Selling points of this role**<br>- Experience an entire data product life cycle as we develop and operates ground systems as well, designs and manufactures satellites, and contacts with end-users of the satellite data<br>- Cross-functional collaboration: Work alongside experts from various disciplines such as aerospace engineering, radar engineering, digital signal processing, software engineering, among others.<br>- Participate in the stage of scaling our system from a few to dozens of satellites in spac |
| Minimum Qualification | - Can work at our HQ office in Tokyo<br>- Experience in software and product quality assurance and testing<br>- Experience using Linux and Python |
| Preferred Qualification | - Knowledge and experience in signal processing and image processing<br>- Educational background in physics, electrical/information or aerospace engineering<br>- Experience on remote sensing data<br>- Experience in software development, preferably python<br>- Have certifications for Software Testing (example: ISTQB certification)<br>- Japanese language skill |
| Conditions/ Benefits | **Employment system:** Permanent<br>**Location:** Kiyosumi Shirakawa, Tokyo<br>**Annual Salary:** 5M ~ 8M JPY<br>• Based on experience, ability, and previous work experience<br>• Personnel evaluation system every 6 months<br>**Hours**: Flextime system<br>• Core time from 11:00 - 15:00<br>• 2 days off a week (weekends) including Japanese public holidays<br>• 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.<br>**Probation:** 3 months<br>**Benefits:**<br>• Language learning support (Up to 30,000 yen /month)<br>• Employee stock option<br>• Job-related learning expenses covered<br>• Side business allowed<br>• Social insurance and annual medical check<br>• Maternity and childcare leave<br>• No dress code<br>• No smoking on the premises (outdoor or indoor smoking areas available) |
| Interview Process | 1. Application Screening<br>2. 1st Interview<br>3. 2nd Interview<br>4. 3rd Interview<br>5. Offer |

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| | ※ 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 |