



## Job description – InSAR Specialist

We're an innovative InSAR ground movement data company on an exciting growth curve, looking for someone motivated to grow with the company. At SatSense we are led by our technology and a desire to create the best possible insight for our customers. We are inclusive, flexible and we love collaborating internally and externally to deliver the best we can for our customers. We believe that the supportive environment we provide for our people is reflected in the products and services we offer.

We routinely process Sentinel-1 data covering the UK, as well as many locations globally, and have hundreds of millions of InSAR measurement points across the UK alone - each with a time history of over 250 points, going back to 2015. Each point gets updated every 6 days, and we aim to do this within 12-24 hours after the satellite overflight. Our dataset holds a large amount of information for infrastructure, property conveyancing, insurance and lending, asset management and construction applications.

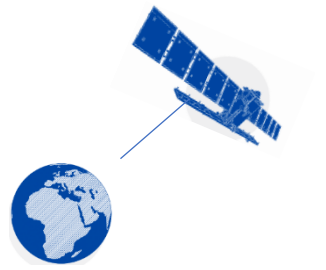
To support the growing number of projects we're working on, we're looking for an InSAR expert to further strengthen our R&D and operational team. Possible areas the successful candidates can expect to work on are:

- Processing data for a range of different projects
- Postprocessing data to meet client requirements
- Improving data quality and processing chain efficiency
- Data quality assessment
- Client reporting through data interpretation
- Assist in business development through technical support

The day-to-day responsibilities are flexible, and can be adapted to match the candidate profile. This is an opportunity to join a fast-growing company, and work on the cutting edge of InSAR processing and data delivery.

### Ideal Candidate profile

- Educated to Master's level or above in a relevant discipline (Geodesy, Earth Science, Remote sensing, Engineering – for example Civil, Electrical etc.)
- Experience using InSAR, preferably on a range of applications
- Competent scripting in e.g. Python or Matlab
- Experience working in UNIX environments
- Good written and spoken English communication skills
- For a senior position, at least 4-5 years experience using InSAR, preferably for commercial applications
- Above all, someone comfortable working independently and as part of a team



### Bonus skills

- In-depth technical InSAR knowledge
- Specific InSAR experience in infrastructure, dam, mining or other asset monitoring
- Programming experience, e.g. Python
- Experience in large scale InSAR processing
- Experience dealing with clients
- Additional language competencies

We have opportunities for anyone ranging from 2 years of InSAR experience, to an experienced person with 5+ years of experience. Competitive salary, starting at £30,000 per annum for a junior position, with great benefits.

We have been working from home since the start COVID pandemic. When the situation improves, we expect to return to the office for 1 or 2 days a week, although a fully remote position will be considered for the right candidate.

For more information, please email [contact@satsense.com](mailto:contact@satsense.com) although we request that no agencies contact us.