

# Microwave Radar Engineer

Ref: MS-JDS-MRE-202001

**Title:** Microwave Radar Engineer  
**Reports to:** Technical project manager  
**Location:** Via Rosellini 12, Milan, Italy  
**Job purpose:** Design, development and testing of radar sensors

**Candidate must be eligible to work in the EU.**

**Candidate must send a CV and a Cover Letter.**

## **Job duties:**

- Design of microwave of radar upconversion, downconversion subsystems
- Follow the supplier's manufacturing of the designed subsystems
- Subsystem integration and test
- Documentation of system design, integration and test

## **Required skills and qualifications:**

- Strong knowledge of radar system principles
- Strong knowledge of RF and microwave engineering
- Understanding of RF/microwave theory (e.g. wave propagation)
- Understanding of the design process (from concept through to delivery and in-service support)
- Experience with microwave components, i.e. downconverter, LNA, filtering, amplifiers, mixer, transmit/receive module

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- Experience with tools like HFSS, Agilent ADS, AWR Microwave Office, Genesys, Lambda Predict, Rational DOORS, Xpedition PCB, or similar
- Ability to think logically and to decompose a problem into its component parts
- Good knowledge of the English language for the working environment
- Good communication and team-working skills

### Desired Skills/Qualifications

- Minimum 3 years of experience in the field

### Company description:

MetaSensing is an Italian/Dutch company which provides radar solutions. MetaSensing designs, manufactures and operates complete radar sensors (spaceborne, airborne and ground-based) at different frequencies for a large variety of applications. Those sensors are equipped with proprietary control, configuration, and processing and visualization software. MetaSensing's sensors are compact, light-weight and high resolution providing the most cost-effective solutions for detection, mapping, surveillance and imaging to governments, universities and commercial companies.

MetaSensing has offices in Italy, The Netherlands and Singapore.

**Employment condition:** Full-time, 40 hours per week.

For additional information or for the application, please send an email with your CV and cover letter to [joinus@metasensing.com](mailto:joinus@metasensing.com) with subject Ref: MS-JDS-MRE-202001.

Milan, 13/01/2020