

# Job Description

## Satellite Embedded Software Engineer (m/f)



With over 40 years of experience in high technology together with its integrated skills in the areas of space technology and telematics, OHB Group is ideally positioned as one of the leading independent forces in the European space, aeronautics and telematics industry.

In July 2018, OHB Hellas was created as 100% subsidiary of OHB SE marking the implementation of a space system company in Greece. We have the passion to develop and implement space projects in close collaboration with public institutions and selected local partners.

A career in space does not have to be a dream. OHB is constantly looking for new pioneers around the entire world and in all corporate segments. OHB is glad to be able to generate such opportunity in Greece for high profile candidates that share our enthusiasm for space.

**OHB Hellas is seeking an engineer (m/f) that will reinforce the team of Satellite as a Service.**

### Detailed task description:

- **Defining the implementation approaches** and assessing the business case for implementing a high performance data processing solution, an Advanced Data Handling Architecture and AI-OnBoard satellites
- **Preparation of responses to calls** for tenders (ESA, Horizon Europe etc.)
- Develop and implement Artificial Intelligence based solutions:
  - On-ground data processing services and user interfaces (e.g. AI solutions for application to EO data sets)
  - On-board satellite payload data processing (e.g. multi-sensor data fusion, edge computing, automatic change detection, transfer learning, mining of hyperspectral data, compression)
- Participate in project management.
- Implement a Continuous Development and Integration process.

### Skills and Qualifications:

- Education in the field of data science / remote sensing / AI / computer science (Master degree, or PHD)
- Strong knowledge in: Distributed computing / Cloud technology / Edge Computing / Computer Vision / Hypervisors / Containerization / Space and Time Partitioning
- Space: On Board Computer Software development and verification / ECSS Standards
- Computer skills: Python, JavaScript and C/C++, Scripting languages
- Embedded Systems and Unix-based Systems
- Experience on common CI/CD practices
- Agile development
- Strong analytical and problem-solving skills
- Willingness to take on challenges, show resiliency and like to always learn new skills
- Flexible to fulfil other tasks relevant to the daily work in a new company
- Proficient user of Microsoft Office tools
- English (proficient level) and German (good/fluent).

### Conditions:

- Position: Full time
- Location: Marousi (Athens), Greece

### How to apply:

Please send your CV and a motivation letter in **English** quoting reference code "HPDP-SW" in the subject line of the **e-mail to [info@ohb-hellas.gr](mailto:info@ohb-hellas.gr)**

**Closing date: December 2021**

All applications will be treated in strictest confidentiality, only shortlisted candidates will be contacted