



Space



Air



Ground

Mechanical Design Engineer

Are you interested in developing high-end electronic systems for the aerospace industry? We at DSI develop hardware and software solutions and computer technologies as well as innovative communication systems for space applications.

DSI hardware and software are flying as part of prominent space programs such as ExoMars (Mars mission) Copernicus (meteorological satellite) and JUICE (Jupiter mission). Since 1997, our steadily growing team has been producing highly innovative, customer-specific and dependable solutions.

For the upcoming projects we are looking for you to strengthen our team at DSI Aerospace Technologie GmbH!

What are your responsibilities?


- 3D CAD design/modelling of electronic assemblies and housings
- Support in structural and thermal design decisions and engineering trade-offs
- Thermal modelling and analysis of PCBs and electronic designs
- Preparation of interface-, assembly and manufacturing drawings for our electronic spacecraft equipment
- Presentation of results in a written form and to our customers
- Strong interaction with external structural and thermal analysis suppliers
- Close collaboration and interaction with manufacturing suppliers
- Support of mechanical assembly and integration activities

What do we expect from you?

- Degree in engineering with focus on mechanical CAD design
- At least 2-4 years of experience in mechanical design
- Preferably experience in space engineering and with common ECSS standards (e.g. ECSS-E-ST-31 and ECSS-E-ST-32)
- Experience with structural analysis (NASTRAN or similar) and thermal analysis (ESATAN)
- Basic understanding of electronics and electronics circuits is a plus
- Flexibility and team skills
- High level of written English and at least basic fluency in spoken English
- Basic written and verbal communication skills in German would be beneficial

What are we offering?

- Competitive salary and up to +100% company contribution to corporate pension insurance
- Highly interesting topics and application domains including our main field of spacecraft electronics
- Challenging and varied tasks encompassing all aspects of mechanical and thermal design and modelling of satellite equipment
- Opportunity for professional growth or wider experience in other areas of the company (e.g. hardware development or equipment environmental testing (Shock, Vibration, Thermal-Vacuum))
- Friendly and informal team atmosphere with a flat organisational hierarchy in an international team
- Possibility of flexible and family-friendly working hours and central location with good transport links
- Company-financed fitness club membership

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