

Mechanical Design Engineer [m/f/d]

Aerospace

40h/ week – fulltime

DSi

Aerospace

DSI Aerospace GmbH develops innovative hardware and software solutions and computer technologies for space applications. Our hardware and software are flying as part of prominent space programs such as ExoMars (Mars mission) and JUICE (Jupiter mission). Since 1997, our steadily-growing international team has been producing high-performance, customer-specific and dependable solutions.

For the upcoming projects we are looking for a Mechanical Design Engineer to strengthen our team at DSI Aerospace Technologie GmbH!

Your tasks

- Support in structural and thermal design decisions and engineering trade-offs
- Thermal modelling and analysis of PCBs and electronic designs
- Preparation of assembly procedures and manufacturing drawings
- Strong interaction with external structural and thermal analysis suppliers
- Contributing in design reviews and project related meetings
- Evaluating compliance of customer requirements
- Presentation of results in a written form and to our customers
- 2D/3D CAD design/modelling of electronic assemblies and housings
- Support of mechanical assembly and integration activities
- Writing physical test procedures and MICDs

Your qualification

- 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
- Experience with INVENTOR 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 we offer

- Highly-interesting topics and application domains of our units in space
- Friendly and informal international team atmosphere
- Possibility of flexible and family-friendly working hours and central location with good transport links
- Competitive salary and up to +100% company contribution to corporate pension insurance
- Company-financed fitness club membership (wellpass or Hansefit)
- Jobrad (Bike-leasing, incl contribution by DSI)

for a better space.

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