

Design Engineering Rail / Aerospace (m/f/d)

We are an engineering firm based in Munich. Our team currently consists of 7 engineers with backgrounds in aerospace, rail technology, mechanical engineering, as well as space technology. We assist our clients in areas such as:

- Design (2D, 3D, Kinematic Analysis, Metallic and FRP Structures)
- Simulation (Statics, Fatigue, Dynamics, Crash)
- Aerodynamics (CFD)
- Production and Technology Consulting
- Testing (Planning, Support and Documentation)

The nature of our projects ranges from a "blank slate" to "end-of-life" topics. This includes everything that can arise throughout the lifecycle of a railway vehicle, aircraft, or helicopter.

Scope of responsibilities:

- Development of new vehicle technologies (aerospace, rail vehicles)
- Conceptualization, preliminary dimensioning, and development of vehicle components, substructures, and complete systems
- Creation construction documents (SolidWorks, CATIA V5, NX)
- Generation technical documents (reports, assembly instructions, etc.)
- Collaboration and support across various departments
- Structural manufacturing support for components on-site at the customer's or supplier's location (if included in the project)
- Main deployment in Munich, business trips depending on project scope

Expectations:

- Completed technical degree (university / technical university / technical college)
- Experience with CAD software
- Experience in working with metal and composite components (design, manufacturing, and analysis)
- 3-5 years of experience in the field of structurally sound and manufacturing-compatible design (motivated entry-level candidates also welcome)
- Language skills: German and English, both spoken and written
- Precise and structured work approach
- Team player

We offer:

- Involvement in the entire process of new and complex vehicle development
- Independent and self-responsible work within a flat hierarchy
- Opportunities for professional advancement
- Taking over partial projects



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