



GAIA

AEROSPACE

Electrical Systems Engineer (m/f/d)

Full-Time | Braunschweig, Germany | On-Site | Start: Q1 2027

GAIA Aerospace is developing the world's first reusable air launch vehicle for the European space market. Our goal is to make access to space more flexible, cost-effective, and sustainable. To strengthen our team starting in early 2027, we are looking for a dedicated Electrical Systems Engineer (m/f/d) to help shape the overall electrical architecture of our launch vehicle in the early stages of development and to serve as a liaison between the various technical disciplines.

Your Mission

- Development and design of the overall vehicle electrical system architecture and battery system
- Identification of potential EMI sources and development of appropriate EMC concepts
- Design of the vehicle bus system based on CANopen and other communication standards
- Definition of electrical interfaces and design of onboard computers and embedded systems
- Support the development and commissioning of test benches and test facilities

Your Profile

- A degree in electrical engineering, mechatronics, systems engineering or a comparable field
- Good knowledge of electrical power systems, power electronics, or battery systems
- Experience with communication systems and buses, ideally CAN or CANopen
- Basic knowledge of embedded systems, microcontrollers, or onboard computer architectures
- Understanding of EMC, electrical integration, and cross-system interdependencies
- Ideally, experience with circuit design, measurement technology, or electrical test setups
- Enthusiasm for new technical topics and solving interdisciplinary problems
- Structured independent work style as well as strong teamwork and communication skills
- Willingness to take responsibility for technical systems and work packages
- Very good written and spoken English skills, good German skills is a plus

Space for Everyone

GAIA Aerospace is committed to building a diverse and inclusive environment. As an equal opportunity employer, all qualified applicants will be considered without regard to race, color, religion, sex, gender identity, genetic information, national origin, age or disability.

Apply now and send your application at:

career@gaia-aerospace.com