



# Space Avionics Simulation & Software Engineer (all gender)

Friedrichshafen

Reference Number: REF18823H

**#weareALTEN - the home of forward thinkers**

**We are the designers of today for the world of tomorrow.**

As one of the world's leading engineering service providers, we at ALTEN are committed to positively shaping the future of our partners, the careers of our employees and the challenges facing our society and environment.

More than 50,000 employees in 30 countries are already working on innovative solutions in various engineering and IT sectors such as aerospace, renewable energy, medical technology, railway technology and automotive.

**Make it happen**

**YOU...**

- develop and adapt software models (C/C++ <14) for satellite simulator or other aerospace simulations
- understand the systems modelling of a satellite or other aerospace platforms and its breakdown into subsystem and components, both on a functional and technical of the functional and technical level
- are familiar with modelling approaches such as Simulink, Cameo or similar to analyse the system functions and building blocks
- perform integration, verification, and validation activities (e.g., SIL) on system level and component level
- support debugging, root cause analysis, and optimization in a Linux-based environment
- collaborate with multidisciplinary teams across system engineering, software, and testing

**Be our forward thinker**

**YOU bring...**

- a degree in aerospace engineering, computer science, or a comparable technical field
- solid programming skills in C/C++ and Java
- system modelling understanding (System of Systems)
- hands-on experience with Linux environments
- experience with simulation environments, test benches, or SIL/HIL setups
- familiarity with avionics, onboard software, or satellite systems
- strong analytical skills to understand complex systems and interfaces
- very good English skills

We value diversity and therefore welcome all applications – regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation, and identity.

Severely disabled persons will be given preferential consideration if equally qualified.

Apply now using our online application form.

### **A home where people learn and thrive**

- **Talent management** – we develop your career
- **Work-life balance** – flexible working hours and mobile working possible
- **Fit and relaxed** – with EGYM Wellpass
- **Enjoy biking** – always on the road with company bike leasing
- **Green mobility** – with us, you can travel at a reduced rate

...we also offer a permanent employment contract, corporate benefits, and team events.

---

### **Your contact person**

ALTEN GmbH  
Enis  
DURIC

ATG-Karriere@alten.com

6332ab00f6085e2908c60fd6  
Enis DURIC

---

Created: 03.07.2026, <https://www.alten-germany.de/en/jobs/744000134444039-space-avionics-simulation-software-engineer-all-gender/>