Experienced Electronics Engineer (Freelance, Remote) – Radiation Tolerant, High-Reliability Space-Grade Hardware and Systems Design

Intro:

We're a lean, engineering-driven hardware and systems design company working on high-reliability systems for space and aerospace applications. We're consulting, reviewing, designing and helping build the kind of electronics that **can't afford to fail**. Now we're growing, and we're looking for a sharp junior engineer to join the team on a freelance basis.

You'll get hands-on with real hardware design under the guidance of a senior engineer with deep space electronics experience. If you're early in your career, curious, and ready to grow fast, this is an opportunity to gain valuable experience in real-world, mission-critical systems.

This is a freelance/remote position. The workload will depend on project flow and client preferences, so flexibility is key.

What You'll Do:

- Support circuit design, simulation, schematic capture, and PCB layout
- Help implement design-for-reliability practices and radiation-aware design
- Participate in design reviews and documentation
- Help implement radiation-tolerant and fault-resilient design principles (we'll guide you)
- Learn and apply industry standards (e.g., MIL-STD NASA & ECSS standards).

What We're Looking For:

- Degree or background in Electronics/Electrical Engineering.
- Solid foundation in circuit design, simulation and CAD tools (Altium, KiCad, etc.)
- Excellent communication and documentation habits.
- Passion for engineering and a proactive, problem-solving mindset.
- Experience with space, aerospace or similar high-reliability field is a **plus**, but not required
- Flexibility and availability to scale up work based on client demand.

What We Offer:

- Cutting-edge, exciting space projects
- Exposure to high-end, mission-critical design processes
- Direct mentorship from a senior space hardware expert
- Flexible remote work, project-based collaboration, and room to grow with us

How to Apply:

Send us the following at team@titanpulsedynamics.com

- Just a short page - tell us who you are, what you've worked on, and whatever else you think we should know about you.
- Your CV or LinkedIn