



 *CubeSat Core Team Member (Systems, AIT, Avionics, SW, Comms, Ground Segment)*

Titan Pulse Dynamics (TPD) is an ambitious space technology startup aiming to **lower the barriers to space** and redefine how satellites are designed, built, and operated.

Alongside our **engineering and consultancy services**, we are developing our own **next-generation CubeSat platform**, with a long-term vision of enabling **intelligent, AI-driven, and interconnected satellite systems**.

The Opportunity

We are assembling our **core CubeSat team** - a small, high-impact group that will lay the technical and operational foundations of our platform.

This is a **ground-floor opportunity** to shape real missions from concept to orbit, contribute to a long-term vision, and help build a company around strong engineering principles.

You will work across disciplines, contribute to early design decisions, and grow with the program as it evolves from first demonstrator missions to advanced capabilities.

Areas of Expertise (One or More)

We are looking for engineers with experience in one or more of the following:

- **Satellite Systems Engineering, AIT & Product Assurance**
- **Avionics & System Integration**
- **On-Board Computer (OBC) & Flight Software**
- **Communications & Ground Segment**
- **Mission Analysis & Coordination**

We value **engineers who can wear multiple hats**, think system-level, and are comfortable working in an evolving startup environment.

What You'll Do

- Contribute to the design and development of CubeSat missions and platform architecture
- Support subsystem definition, integration, and testing activities
- Collaborate across disciplines to ensure system coherence and mission success
- Participate in AIT, verification, and validation processes
- Help define internal engineering practices, documentation, and standards
- Engage with partners, suppliers, and potentially academic collaborators



What We're Looking For

- Background in aerospace engineering, electronics, software, or related field
- Experience in spacecraft, embedded systems, or complex engineering projects
- Strong problem-solving mindset and ability to work independently
- Comfortable working in a **startup environment** (fast-paced, evolving priorities)
- Interest in **space systems, AI in space, or next-generation satellite architectures**

What We Offer

- Opportunity to be part of an **early-stage, high-impact space program**
- Flexible engagement (**part-time or full-time**)
- **Remote-friendly** working environment
- International, multidisciplinary collaboration
- **Profit-sharing scheme** aligned with company growth
- The chance to help build **the first generation of CubeSat capability within TPD**

Join Us

If you're looking to be part of an **agile, driven team with a bold vision**, and you enjoy the challenge (and occasional chaos) of building something from the ground up - we'd love to hear from you.

✉ Reach out via LinkedIn or email us at: team@titanpulsedynamics.com