



# CHIEF TECHNICAL OFFICER

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## Details of the offer

Internal reference : E019\_EN

Contract type: CDI

Location: Massy (Paris area), frequent travels in France, Europe and worldwide.

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Contact : [contact@spacedreams.com](mailto:contact@spacedreams.com)

## SpaceDreamS

As a launch base architect, Spacedreams develops turnkey solutions and services for small launchers and spaceports.

The main concepts are: the NuPad, a multi-launcher mobile modular launch pad; and the TwinPad, the first digital twin of an interoperable launch system. Based on these concepts, Spacedreams develops innovative solutions for its customers.

The NuPad is the world's first modular, multi-launcher mobile launch base. Different modules integrate dedicated launcher services: fluid, electrical and mechanical. These modules are assembled and configured according to mission or customer requirements.

The TwinPad is the digital twin of the launch system on ground. It enables virtual commissioning and software development for launch vehicle and launch pad implementation, as well as simulation of cryogenic fluid, electrical and mechanical processes. The TwinPad can be used to virtually design and qualify the means and implementations of different launchers on different launch pads, and offer an anticipated user experience as close to the real thing as possible.

SpaceDreamS studies and develops ground facilities for several mini and micro launchers, as well as for major institutions. Spacedreams has won several calls for projects from the BPI and the European Commission's EuBEST project, aimed at developing the first modular multi-engine test bench with an industrial test rate.

## The team

You'll be joining a small, multidisciplinary team of mainly technical experts based in Massy and Toulouse.

We attach great importance to cordiality, solidarity, passion, responsiveness and resourcefulness.

We speak French and English, but fluency in French is required. All documents are written in English.

## Job description

You will hold a central role in the technical management of SpaceDreamS.

You will refer to the CEO and work closely with the project managers and directors, and project teams.

As Chief Technical Officer, you will:

- Lead the implementation of the business plan at technical level
- Oversee and handle technological operations within the company
- Lead technology teams, offering guidance and supervising the project managers
- Set performance goals for the project managers of technology teams
- Evaluate technologies, partners and suppliers to determine the impact it could have on a company's goals
- Project the company's future technology needs and select tools and investments necessary for the technical activities
- Communicate the company's technology strategy to executives and other key stakeholders, and publicly, in accordance with the CEO
- Act as project manager, when necessary.

### Experience and skills

In addition to a degree from a leading engineering school, you have extensive and successful technical development experience in high-tech or space-related companies at international level. You have already managed multidisciplinary projects. You have a very good understanding of complex engineering. You have a sharp and large technical vision. You are familiar with Model-Based System Engineering.

You have very good interpersonal and communication skills. You are capable to decide and make your decisions come true. You inspire and motivate the team. You focus on solutions, not on problems. You are capable to adapt and quickly change a situation.

Fluency in English is required.

The following points are considered favourably:

- Experience in startup creation and growth
- Knowledge of the launch base and launchers
- Knowledge of digital twin and cutting-edge technologies
- Knowledge of Model-Based System Engineering
- Fluency in French

### We offer

In addition to outstanding professional experience, we offer :

- Compensation commensurate with your skills and the key position you will hold within the company
- Social benefits
- Effective and simple health insurance
- Possibility of working from home
- Possibility to participate to the capital of the company
- Bonuses based on the achievement of objectives

### Interested?

Send your CV and cover letter to: [contact@spacedreams.com](mailto:contact@spacedreams.com)

We will contact you.