



Senior Project Engineer

REACTION ENGINES INC

Date: August 2023

Pioneering innovation. Seamless teamwork. Unparalleled skill.

Our people have always been our most valuable asset. They are brilliant problem solvers who believe challenges are opportunities. Reaction Engines takes pride in attracting the industry's brightest minds and it is their diverse sets of skills, personalities and experiences that will help us achieve our ambitious goals. Sound exciting? Then join us on our epic journey.

JOB SUMMARY

Reaction Engines is committed to developing cutting-edge thermal management technology to enable breakthroughs in performance and sustainability in several high-tech sectors including aerospace, automotive, and energy. The Senior Project Engineer will work closely with our Advanced Programs and Systems & Test departments to ensure delivery of our active programs in thermal management hardware development and high-temperature testing. Candidates should demonstrate proficiency in several project management skills including budget, schedule, and resource management, risk identification, progress tracking, and managing deliverables. Candidates will be expected to track the progress of several project through a variety of metrics that are used for internal tracking and communicating to external stakeholders. Candidates will also be expected to work with the UK team to request project resources and report on status. We are seeking to grow our project management capability with this Senior Project Engineer role and support further development of our world-class thermal management technology.

Responsibilities

- Assists in project management of active programs in hardware development and testing
- Work with the technical team to assess progress, open items, and path to closure
- Attends project meetings to capture decisions and track actions
- Works with finance and engineering to generate artifacts for tracking cost and schedule
- Identifies project risks and tracks resolution with the technical team
- Communicates externally to customers and stakeholders on project status, risks, and opportunities
- Tracks deliverables to ensure compliance with CDRL and SOW
- Assist with internal and external resource planning based on contractual needs
- Proficient with gathering and organizing customer requirements for engineering work packages
- Reviews technical documentation pertaining to deliverables
- Responsible for compiling and delivery of CDRLs to customers based on project schedule
- Supports proposal scoping, costing, and scheduling of new business development opportunities
- Establishes effective relationship with clients, customers, officials, contractors, and others
- Provides leadership to the team through technical expertise and guidance
- Reports on project/task progress during company meetings
- Supports writing & presenting of reports and proposals

Attributes

- Applies broad knowledge of principles and practices in a specific practice area
- Independently evaluates, selects, and adapts standard techniques, procedures, and criteria



- Has general knowledge of principles and practices of related fields, and ability to function on multidisciplinary teams

Basic Qualifications

- Bachelor's degree in Aerospace or Mechanical Engineering, Applied Physics, Project Management, or other equivalent field of discipline from an accredited institution.
- Previous experience in project management in testing or product development.
- Must comply with all applicable import and export control laws and regulations including, ITAR and EAR regulations.
- The ability to conform to U.S. Government space technology and advanced propulsion export regulations, applicant must be a U.S. citizen or lawful permanent resident of the U.S.

Desired Qualifications

- 4+ years of work experience in project management and/or product development
- Experience with working with project management principles (earned value, gate reviews)
- Experience with project management software including Microsoft Project
- Experience working with finance to generate cost artifacts from project data
- Experience working on complex projects with work packages moving in parallel
- Experience engaging with external parties and presenting technical information
- Experience in mentoring engineers and teaching technical skill sets

Skills & Behaviors

- Strong leadership skillset with emphasis on empathy, inspiration, and personal accountability
- Practical mind-set, strong creative problem-solving skills and positive "can do" attitude
- Ability to think in an entrepreneurial way
- Self-motivated, and able to thrive as part of a small, focused team
- Effective oral and written communication skills
- Demonstrates behaviors consistent with Reaction Engines' core values:
[Commitment](#) | [Innovation](#) | [Trust](#) | [Quality](#) | [Teamwork](#)

EMPLOYMENT BENEFITS

- Career development and unshackled opportunities to tackle diverse challenges
- Exciting, diverse and fast-paced learning environment to master new skills
- Small, tightly integrated, high-performance team
- Individual accountability and power to influence future success
- Potential bonus on achieved company objectives
- Competitive medical, dental, and vision health plans
- 401(K) or Roth retirement savings options with a generous company match
- Generous paid time off in addition to paid holiday and sick leave
- Attractive 9/80 work schedule promotes improved work/life balance
- Pet friendly office
- Educational assistance program
- Free onsite private gym

ADDITIONAL INFORMATION

Experience Level: Professional – Senior Engineer I (Level III)



Work Location: Glendale, Colorado

Work Schedule: Our 9/80 work schedule features every other Friday off resulting in a 3-day weekend every other week.

Telecommuting: Company employees are enabled to often telecommute from home at the discretion of company management, business needs, and job role requirements.

Travel: Minimal travel required

Expected Salary Range: Annual salary compensation to be matched with successful candidate's level of experience and capabilities. Colorado applicants can contact careers@reactionengines.com for the salary range.

How to apply: Email a cover letter and resume to careers@reactionengines.com

Reaction Engines makes employment decisions based upon the capabilities and merits of qualified candidates and encourages all qualified candidates regardless to race, color, religion, gender, gender identity, sexual orientation, marital status, age, veteran status, disability status or other protected legal status to apply.