KickStage Consulting Inc. is looking for a Mechanical Design Engineer to support our dynamic and developing team as we grow within the propulsion system space.

COMPANY BACKGROUND

KickStage Consulting works with manufacturing companies of any shape and size, from new startups to large multi-national firms, to design and implement world-class production and supply chain ecosystems. We provide expert technical solutions across the entire product creation process, from optimized product development through to supply chain design and risk management.

The KickStage team believe in using a data-driven and multi-disciplinary approach in all aspects of technical project delivery. We offer an agile approach for quick, wide-field consultation and implementation on all of your project needs. With over 150 combined years of experience and industry leading qualifications in Lean/Six Sigma and Project Management (supplementing the Masters-level engineering and business qualifications held by the majority of our consultants), we follow a clear and logical process in project delivery with an emphasis on customer communication and frequent feedback loops.

The team offer business consulting specialities in the following categories:

* Technical Project Management
* Supply Chain Design Product Development
* Manufacturing Capability
* Production Design
* Quality Management

We are a vibrant team of over 20 consultants based around the continental US, Mexico and the UK.

KickStage Consulting provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.

This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.

ROLE DESCRIPTION AND REQUIREMENTS

Due to significant growth and opportunity in the UAV sector, KickStage has a growing client base seeking innovative and efficient power system solutions for an expanding array of UAV systems and opportunities.

As a result, we are looking to expand our engineering team with the addition of a Mechanical Design Engineer with specific experience in turbine engine propulsion system design. The selected applicant would work autonomously with UAV and other power systems clients, capturing and translating requirements into effective product designs and solutions. This person would work under their own initiative alongside sales, supply chain and manufacturing teams to deliver fast and effective customer solutions.

Job duties:

* Support senior enginners to work directly with clients for technical systems requirements capture
* Utilize CAD and associated engineering computational tools to create product solutions
* Design microprocessor-based control systems and firmware for propulsion systems
* Develop and operate test systems for R&D and product validation for propulsion systems
* Develop, plan and execute flight testing – including piloting – unmanned systems

Compulsory requirements:

* BS Mechanical Engineering
* 2 years post-graduate work experience
* Minimum of 2 years experience in turbine engine propulsion system design and modelling
* Experienced SOLIDWORKS user (minimum 1500 hours)
* FAA Part 107 drone license
* Experience in deploying Lean/Six Sigma methodologies

Desired experience:

* AutoCAD and/or OnShape
* Application development in Python
* Microprocessing firmware coding in C
* Team leadership and/or direct customer-facing experience
* GD&T
* Practical shop experience

Practical job expectations:

* Job is offered under a hybrid working arrangement. Successful applicant will be required to be on-site at our physical office near MCAS Miramar between 1-3 days per week.
* Travel expectations range between 5-15% for travel in the Continental US to visit customer sites.

The salary range for this position is $95,000-$105,000 depending on skills and relevant experience. Health insurance and 401k match options are available as part of the employment package negotiation.

To apply for this position, please send resumes to ‘info@KickStageConsulting.com’. For any questions on the position, please email Angela Whiteside – President – [Angela.Whiteside@KickStageConsulting.com](mailto:Angela.Whiteside@KickStageConsulting.com). +1 317 4423577