

Mechanical Design Engineer – Experienced

About QuEST

Established in 1997, QuEST is a leading engineering services firm providing product development and engineering solutions to major global companies. QuEST's expertise ranges from concept designing to drafting and modeling, to analysis, to product realization solutions in the following domains: aerospace, civil structures, energy, industrial products, oil & gas, and transportation. QuEST partners with a host of Fortune 500 companies to provide better, faster and more cost-effective solutions to its customers. Over 1500 engineers across the US, UK, Italy, Germany, Spain, France, Japan and India make our team technically competent and truly global.

Position Description:

QuEST is seeking an experienced individual to join our aerospace product design team in our East Hartford Engineering Center. In this role you will create Unigraphics solid models of conceptual, preliminary, and detailed design concepts to customer specifications, primarily for gas turbine engines and accessories. Among the responsibilities will be the following:

- Writing/reviewing/managing technical Operations/Process documents, procedures, and records for repair of aerospace components
- Generate sketches and solid models of design concepts
- Learn, understand, and apply our customer's standard design procedures
- Develop and execute best practices in performing conceptual/detailed design and CAD modeling
- Support quotation efforts with accurate estimates of design time required to complete tasks
- Make design change recommendations, document the work, and present the findings to our clients.
- Provide on-the-job training, mentoring, and guidance to less experienced design engineers

Requirements:

- BSME with either experience performing design work on mechanical equipment or experience in a manufacturing environment
- Knowledge of high-end manufacturing equipment and processes (castings, metal cutting, turning, coatings, milling, EDM, welding, sheet metal/composite forming and joining, metal tube bending)
- Strong communication, teaming, and organizational skills required
- Experience with aerospace component design preferred
- Proficiency of the MS Office Suite
- Candidates must be US Citizen or Permanent Residents

- A competitive base salary is available, depending on the qualifications and experience of the candidate.
- This position qualifies for full benefits: medical insurance, dental, disability, life insurance, 401(K), tuition reimbursement, 2 weeks of paid vacation, and 10 paid holidays.