



Job Title:	Engineer III
Category:	Position in Industry.
Company/Organization:	Smith International, Inc. / R&D
Geographic Location:	US/Texas/Houston
International:	Yes
Closure Date:	Until filled.

### **Description:**

**Smith International, Inc.**, a Fortune 500 Company, is a world-wide leading supplier of premium products and services to the oil and gas exploration and production industry, the petrochemical industry and other industrial markets. We are seeking to hire a qualified candidate to fill the position of **Engineer III** in our Houston, TX location.

The successful candidate will be responsible for planning, organizing, and executing design development projects resulting in the definition of new products and improvements to existing drilling products. This includes providing design support to the field through analyzing and diagnosing product related issues, understanding drilling applications and practices, and developing down-hole tool designs from concept to production. This position is part of the Oilfield Segment R&D group and will have responsibilities for product design, development, testing and implementation of multiple product lines including, turbine motors, positive displacement motors and others.

### **Job Requirements:**

The successful candidate must possess a good fundamental background in basic mechanical engineering disciplines along with the following qualifications:

- A PhD in Engineering (Mechanical preferred) with a specialty in experimental and/or computational solid mechanics (FEA).
- An aptitude to create innovative designs for next-generation down-hole tools through the stages of conceptualization, design, manufacturing, testing and commercialization.
- Capable of working with field engineering to evaluate and diagnose product failures and then implement product improvements.
- Experience in programming C++ and/or Visual Basic are a plus.
- Familiarity with commercial meshing programs and FEA solvers a plus.
- Experience with turbomachinery, rotor dynamics, and/or vibrations is a plus.
- Ability to work on a project team or on solo projects with minor functional supervision.
- Prior CAD workstation experience (Pro/E preferred)
- Willingness and ability to travel to field locations, if necessary.
- Excellent verbal and written communication, interpersonal, problem solving, and organizational skills.

**Smith** offers a competitive salary, benefit packages including 401K, Health, Dental, Vision, Vacation, Paid Holidays, Education Reimbursement and advancement opportunities for innovative people.

To apply, please submit your resume to [solidmech2@gmail.com](mailto:solidmech2@gmail.com) with the subject line: **Solid Mechanics Resume**