

Assistant Mechanical Engineer

ROBERT SMITH

Phone: (123) 456 78 99

Email: info@website.com

Website: www.website.com

LinkedIn:

linkedin.com/username

Address: 1737 Marshville Road,
Alabama.

Objective

13+ years of experience as a Mechanical Engineer. Seeking a full-time position as a Mechanical Engineer. Willing to relocate. Available immediately.

Skills

Revit, Autodesk Inventor, Trane Trace, Microsoft Office Suite (Excel, Word, PowerPoint, Access, Publisher, FrontPage, Etc.), Structural Analysis Software Such As ANSYS, Solid Works, STAAD Pro, And Autodesk Inventor, and Design Software.

Work Experience

Assistant Mechanical Engineer

ABC Corporation - July 2006 - Present

- Technical expert in the mechanical equipment group, providing expert advice and consulting services concerning mechanical engineering aspects on design problems, particularly in the areas of piping, fire protection, heating, ventilating and air conditioning (HVAC), cranes, elevators, hoists and auxiliary mechanical systems for pumping-generating plants, pumping plants and hydroelectric powerplants, visitors centers, museums, office buildings and other large and/or complex buildings.
- Serve as a technical specialist in the design and maintenance of sustainable buildings, ensuring all project goals and department of interior requirements are successfully met.
- Participant on design teams and prepare/review correspondence, specifications, drawings, design summaries, designers operating criteria (doc), and other technical documentation.
- Consistently developing new methods, techniques, and procedures for use by other engineers in solving design problems and create computerized mathematical models as required.
- Established and maintain client relationships, serve as a primary point of contact, facilitate development and peer review of service agreements and monitor the overall status of client work.
- Developing policy and guidelines, oversee the uniform application of such policy and guidelines, and provide guidance for reclamation engineering activities and functions through the development and publishing of reclamation design standards.
- Developing new methods, techniques, and procedures for use by other engineers in solving design problems and for the advancement of reclamation technical capabilities and specialties through reclamation research and development programs.

Test Engineer

ABC Corporation - January 2006 - June 2006

- Developed and implemented comprehensive product test plans to optimize equipment and minimizing production downtime.
- Performed vibration and structural analysis of complex geometries using both time domain and frequency domain techniques.
- Developed Matlab code to ensure efficiency and repeatability of experiments, reducing the overall time required to complete experiments.

- Designed portable fluid test stands using SolidWorks, to increase product visibility and marketability.
- Fabricated and installed network cabling infrastructure connecting test equipment with the product being tested.
- Plan and conduct studies, investigations, and tests of field equipment exhibiting anomalous behavior to obtain or assemble the data necessary to provide expert technical advice.
- Plan and conduct formal and informal presentations of technical and non-technical information to a variety of high level and professional groups of 10+ people, including superiors and co-workers.

Education

M.S. in Mechanical Engineering - 2005(University Of Colorado - Boulder, CO)
B.S. in Mechanical Engineering - 2001(University Of Colorado - Boulder, CO)
Electronics Technician - 1992(Electronics Technician School)