

Job ID: 359
Job Title: Design Engineer
Degree Requirements: Bachelor of Science, Mechanical Engineering (BSME)
{ Preferred, see note below }
Years of Experience: 1-3
Type of Position: Direct Hire
Location: Near Birmingham, AL
Salary Range: Depends on your experience and expertise + profit sharing
Travel Required: <10%

Please help the reader(s) of your résumé by telling us what your employers do / did to make money. Do not assume that the reader knows what your employers do / did.

One or Two sentences will suffice.

We are working with our Birmingham, AL area based client to find a Design Engineer with a BSME that has achieved Engineer in Training, E.I.T. Other combinations of education & experience may be acceptable. Our client prefers someone who is presently located in the SE USA, but will consider all candidates. Potential relocation assistance may be available for the right candidate.

MUST HAVE REQUIREMENTS for this position are:

- * Bachelor of Science, Mechanical Engineering (BSME)
- * E.I.T.
- * Math skills in algebra, trigonometry, calculus, & statistics
- * Ability to read, understand scientific technical publications & apply this knowledge
- * Prior experience using AutoCAD, SolidWorks, & Finite Analysis
- * Prior expertise writing reports for internal distribution
- * Have a high sense of urgency

PLUSSES in this position are:

- * Prior experience designing piping products
- * Prior experience & expertise in the areas of test reliability, sampling theory, strength of materials, load distribution
- * Prior experience presenting to management teams
- * Experience with metals, ceramics, polymers

Reporting to the Product Engineering Manager, the Responsibilities include but are not limited to:

- * Evaluate present products using strength, weight, material cost
- * Design new products using strength, weight, material cost
- * Plan & implement specific operations developing & fabrication methods
- * Work with present sources & potential future sources of materials
- * Review & interpret product failure data
- * Work with Product Engineering & Purchasing Departments
- * Manage all aspects of product design (testing, communication, documentation)

* Assist Sales / Customer Service as needed

If you meet these requirements & wish to be considered for this position, send your résumé, that **includes what your employers do to make their money**, to us in a Word document without Headers / Footers, or Text Boxes at Resumes AT PinnaclePlacementGroup.com mentioning the **Job ID** & the **Job Title** in the subject line of your email.

*** ALL CLIENTS REQUIRE, BACKGROUND CHECKS & DRUG TEST AS A PART OF PRE- EMPLOYMENT HIRING PROCESS.**

In your email or cover letter, please provide us a short narrative detailing your experience & expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

KEY WORDS: Manufacturing, BSME, Bachelor of Science Mechanical Engineering, Engineer in Training, EIT, E.I.T, AutoCAD, SolidWorks, Finite Analysis, Metals, Ceramics, Polymers, 3-D Modeling, Problem Definition, Data Collection, Data Interpretation, Team Oriented, Product Failure Analysis, Product Design, Product Testing, Design Cycle