



PRODUCT DESIGN ENGINEER – MECHANICAL JUNIOR

JOB SUMMARY:

Creating design specifications considering application, cost, weight, performance, product life, manufacture, assembly and service.
Uses prescribed, established methods, and works under direct guidance.
Learns and applies basic knowledge of an engineering discipline.
Applies engineering and/or scientific skills and develops experience in creating engineering solutions

KEY RESPONSIBILITIES:

- Applies developing knowledge of engineering principles and practices to assigned tasks in the design, development, analysis and release of products and subsystems through the product life cycle.
- Assists in creating design specifications considering application, cost, weight, performance, product life, manufacture, assembly and service.
- Verifies design using analysis and or functional testing, interprets results, drives decisions and assesses risk. Works with other engineering disciplines and cross-functional disciplines to resolve product issues.
- Evaluates customer needs and aligns requirements with identified customer expectations.
- Learns team roles and how to contribute towards team goals.
- Carries out defined and partially defined design related tasks.

EDUCATION/SPECIAL REQUIREMENTS:

- Bachelor of Science, or equivalent degree in engineering required - Mechanical Faculty (final year of faculty or max 2 years from graduation date)
- Good spoken / written English
- Good knowledge of MS-Office package
- Good knowledge of MathCAD, AutoCAD,
- 3D modeling skills preferably Creo2/ ProE
- Finite element analysis – Basic experience, preferably with ANSYS Workbench
- Technical knowledge – Strength of Materials (Mechanics of materials), Technical drafting, Physics, Electrical machines knowledge will be an advantage.
- Good knowledge of mathematics.
- Team player
- Learns quickly
- Problem Solving oriented



Send your resume to:
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closing date to apply
31/05/2017