



SENIOR MECHANICAL ENGINEER

We are an engineering and technology company providing product development, engineering services and prototyping in a broad range of industries. RPM Tech provides an exciting, technically challenging and creative environment for motivated individuals. We are seeking an experienced Senior Mechanical Engineer to support our product development needs and serve our expanding customer base.

Summary of Position:

The successful candidate will be responsible for the research, mechanical design and development of various products for the industrial, medical, energy, security, military and consumer industries.

Primary Responsibilities:

- Develop mechanical designs based on requirements provided by the customer.
- Analyze thermal, structural, dynamic aspects of the design.
- Develop tradeoff analyses and study of comparable designs.
- Confirm design performance and optimization through testing.
- Meet with customers.
- Develop prototypes or support prototyping effort.
- Prepare documentation and transition to production.
- Lead team of engineers on larger projects; mentor other engineers.

Qualifications:

- Bachelor's degree or higher in mechanical engineering or comparable discipline.
- Demonstrated ability to perform the essential functions of the job; 5+ years experience
- Strong understanding of electronics packaging, thermal, structural and dynamic designs.
- Able to apply both an analytical perspective and practical understanding to solve design challenges using a systematic engineering approach.
- Experience with Pro/Engineer, Creo, SolidWorks or similar 3D modeling software.
- Experience with simulation tools (CFD, stress, dynamic analysis) a plus.
- Must be motivated and willing to learn new technologies, work efficiently.

The position is based in our Forest Hill, MD design headquarters. On-site presence is required; occasional remote-work arrangements are considered when feasible.

Benefits package includes paid time off, medical, dental, vision, disability, life insurance, and 401k.

Please email your cover letter and resume to HR@RPM-Tech.com

RPM Tech is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.