



Mechanical Design Engineer

Primaira, LLC, a product development company providing services to clients in the consumer, appliance, robotics and medical industries, is searching for hardworking, responsible, talented mechanical design engineers to support our growing product development activities.

This engineer will support hardware development involving mechanical design of sheet metal, plastic, die cast, and extruded parts as well as the integration of electronics and wiring harnesses into electro-mechanical systems. Our clients range from global product companies to local start-ups. Our work is varied and fast paced. As work may be conducted at times at our client's facilities, we are looking for experienced designers who can work independently and who can clearly communicate with managers, co-workers, and clients.

Responsibilities

- Utilize SolidWorks effectively to produce a range of meaningful deliverables, including conceptual designs, 3D models, manufacturing tolerance analyses, and 2D production-level documentation of components and assemblies.
- Conceptualize and develop new products, parts, mechanisms, and assemblies.
- Work collaboratively in a multidisciplinary development team, including mechanical, electrical, materials engineers; designers and technicians
- Assemble prototypes, generate test plans, conduct tests, and create reports and other documentation tailored to project/client needs.

Qualifications

- B.S. in Mechanical Engineering
- Minimum 3-5 years of design engineering experience in robotics, medical, and/or consumer products, demonstrating technical and manufacturable solutions. Both industry and design consultancy experience desired.
- **US Citizens or Green Card holders only at this time**
- Ability to generate robust 3D databases, mechanical drawings, prototypes, and written reports. 3D CAD experience a must. SolidWorks proficiency required.
- Working knowledge of a wide variety of manufacturing processes, including injection molding, rapid prototyping, sheet metal fabrication, casting, and machining.
- High level of personal commitment to quality, with demonstrated thoroughness and attention to detail in all phases of a project.
- Excellent communication and interpersonal skills, highlighted by a flexible and collaborative working style.



- Understanding and appreciation for industrial design, interaction design, and user research preferred.

Additional Requirements:

Previous experience in a research or product development environment is a plus. Candidate must be self-motivated and able to work independently. We are looking for a person with intellectual curiosity, high energy, and a can-do attitude. The candidate must be comfortable and experienced with lab work and hardware development.

Salary/Benefits

Primaira LLC is located in Woburn MA. Primaira offers a competitive salary and excellent benefits, including health insurance and a 401K plan. Salary will be commensurate with experience and skills.