

## **Azure Dynamics Inc.**

Azure Dynamics Inc. is conducting a search for the following position. We offer a competitive compensation package, a friendly, casual work environment and easy access to I-93/95 north of Boston.

### POSITION DESCRIPTION

TITLE: Mechanical Engineer II  
SUPERVISOR: Power Electronics Manager  
DEPARTMENT: Power Electronics Group  
CLASSIFICATION: Exempt

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#### **Skills/Knowledge/Abilities:**

- 1) Demonstrated ability to work on a fast-paced, deadline driven design engineering team.
- 2) 3D CAD experience, Solidworks preferred.
- 3) Ability to analyze/research and solve problems. Experience with mechanical system design and integration especially automotive and/or electromechanical or hybrid electric drive systems.
- 4) Ability to use common power and hand tools and electrical and tolerance measuring devices and equipment. Hands-on experience with fabricating prototypes, machining a plus.
- 5) Demonstrated experience with drawing standards including tolerances and detailing drawings.
- 6) Experience in the packaging of electronics in sheet metal enclosures including heat calculations.

#### **Education/Certification:**

BSME or MSME and 1-6 years experience minimum or equivalent education and experience.

#### **DUTIES:**

- 1) Actively participate in project meetings such as organizational and brainstorming meetings.
- 2) Work towards the project goals in a timely manner according to the latest project schedule. Communicate to the project leader at all times if any part of this schedule may not be met.
- 3) When assigned as project leader will be responsible for oversight of entire project.
- 4) Design/prototyping of hardware, components and systems, using in-depth knowledge of SolidWorks including the creation of an initial prototype, its documentation and in some instances, ordering and tracking of ordered parts.
- 5) Design and integration of pilot production units and training of production staff in proper production techniques of the systems.
- 6) Assist in the testing of systems and pro-actively debug system problems with test units.
- 7) Assist in keeping the R&D room stocked, organized.
- 8) Occasionally, act as a resource for service staff on production line.
- 9) Assist in the creation of BOMs for new products.
- 10) Assist in writing manuals for new products.

To apply for a position please mail, fax or e-mail your resume to Beth Silverman [Azure Dynamics](mailto:bsilverman@azuredynamics.com)  
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