

# ROBERT SMITH

## Junior Design Engineer

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### SUMMARY

Highly versatile and experienced in both technical design as well as an operating machine shop and tool room equipment used in precision manufacturing. Ability to design both simple and complex tools, gages, and fixtures to support production. Extensive mechanical background with broad knowledge of manufacturing processes, designing, machining, and fabricating.

### CORE COMPETENCIES

Siemens NX, Solidworks.

### PROFESSIONAL EXPERIENCE

#### Junior Design Engineer

**ABC Corporation - September 2004 – January 2012**

##### Key Deliverables:

- Implement necessary revisions to existing tooling designs to improve reliability.
- Create designs for new tooling as needed using SolidWorks.
- Create and update engineering masters and ECNs using Visual Manufacturing software.
- Communicate with vendors to obtain price quotes for tooling materials and determine purchase orders based on price, delivery date, etc while considering cost reduction.
- Plan and design manufacturing processes.
- Troubleshoot and provide technical support for manufacturing processes.
- Work cross-functionally with various departments as needed, i.e. Quality Control performing calibrations, inspections, etc.

#### Junior Design Engineer

**Delta Corporation - 2001 – 2004**

##### Key Deliverables:

- Hyderabad, Andhra Pradesh Designed and implemented electrical equipment, facilities and systems for commercial and domestic purposes.
- Maintained open and effective communications with project teams to increase productivity.
- Drafted and submitted Engineering Change Orders for review. Prepared daily project status updates to keep staff up-to-date on program changes and task .
- REF technologies manufactures portable cabins and prefabricated structures.
- The department I worked with was designing.
- Used AUTOCAD to design exterior of the cabin structure.
- Designed for metro rail project by L&T Skills Used AUTOCAD.

### EDUCATION

- Associates in Arts - (Suffolk County Community College - Selden, NY)