

# Junior Design Engineer

# ROBERT SMITH

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## Objective

Over 7 years of hands-on experience working in all phases of Electrical Engineering and VLSI development life cycle that includes Requirements Study, Analysis, Design, Verification, and Testing for various Engineering Services and Solutions. Handled technology-based products to Drilling, Audio, Medical & laboratory equipment's, Defense, Space, Atomic Energy services.

## Skills

Photoshop, Primavera, Auto Cad, Archi Cad, And Revit.

## Work Experience

### Junior Design Engineer

**ABC Corporation** - January 2011 - August 2011

- Grab Design Specifications.
- Develop hardware requirements.
- Preparation of documentation.
- Organizing, leading, and participating in Design Reviews and meetings for design release.
- Designing Board Schematics Using DxDesigner.
- Board design includes DC-DC power supply design, Power PC with major interfaces, Design for EMI/EMC, Design for noise reduction.
- Prepare proper design guidelines in support of the PCB design team.

### Junior Design Engineer

**Delta Corporation** - 2010 - 2011

- Junior architect for design drawing.
- Completed HVAC and Hydronic system design for institutional and commercial buildings.
- Included heating and cooling load calculations, sizing equipment, mechanical room layout, ductwork and piping layout, supervision of draftsmen, .
- Created P&ID of process piping, hydraulic systems and cooling systems.
- Created scaled skid layouts incorporating process system components using geometric dimensioning and tolerancing on AutoCAD.
- Created Bill of Materials, scaled drawings of parts and assemblies.
- Completed compressors, reactors, and magnetic mixers inspection reports for the final inspection approval before shipment.

## Education

MASTERS in TECHNOLOGY - (JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY - Hyderabad, Andhra Pradesh)