

ROBERT SMITH

Junior Design Engineer

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A creative, collaborative, experienced Mechanical Engineer with experience in design and development and design for manufacturing. Served as a key member of the engineering team and acquired knowledge on product design and development, core/ cavity design.

SEPTEMBER 2011 - MAY 2012

JUNIOR DESIGN ENGINEER - ABC CORPORATION

- 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.
- Developed and maintained assembly operations in Teamcenter vismockup.

2006 - 2011

JUNIOR DESIGN ENGINEER - DELTA CORPORATION

- 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.
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EDUCATION

Master's in Mechanical Engineering - (University of Texas - Arlington, TX)

SKILLS

Strong Research, Superior Attention To Detail, Computer Proficient, Customer Service.