

ROBERT SMITH

Junior Design Engineer

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By utilizing Mechanical Engineering experience in HVAC design can be a valuable asset in promoting the future growth of your company.

EXPERIENCE

Junior Design Engineer

ABC Corporation - OCTOBER 1999 - DECEMBER 2002

- Preparation of Isometric drawings.
- Preparation of Material Take-Off.
- Preparation of Support drawings.
- Encoding drawings using Auto-Cad Rel.
- Designed die using CAD in ProEngineer (ProE) and AutoCAD.
- Applied design improvement technique FMEA.
- Designed detailing and finish from a functional point of view.

Junior Design Engineer

Delta Corporation - 1997 - 1999

- Mechanical design on Autodesk Inventor - Designs analysis and validation - Engineering department timeline coordination.
- CAD/CAM design, redesign and drafting on new and existing company products.
- Worked closely with tool/design engineers to produce accurate working drawings.
- Established accurate production blueprint database for injection, compression and ceramic products.
- Generated engineering tool paths for production of injection, compression and ceramic molds.
- responsible for troubleshooting and improving efficiency of Extraction for mined manganese to minimize load time and maximize load volume.
- Operational areas of responsibility included conveyor belts, elevators, rail, and bulk loaders.

EDUCATION

- B.S. in Mechanical Engineering - (Technological Institute of the Philippines - Manila)

SKILLS

Project Management, Engineering Management, Business Development, Microsoft Office, Autodesk Inventor, Solidworks, Design.