

ROBERT SMITH

Junior Design Engineer

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SUMMARY

A competent professional with 8+ Years of rich experience in Design and Development of Mechanical Engineering components on Process Planning & Design, New Product Development, Virtual Manufacturing Engineering, and Lean Manufacturing systems like Heavy Engineering, Automotive by using CAD/CAM tools.

SKILLS

Solidworks, Autodesk AutoCad, Autodesk Inventor, ANSYS Workbench, Microsoft Office Suite.

WORK EXPERIENCE

Junior Design Engineer

ABC Corporation - January 2010 – July 2010

- Created a new assembly sequence for a new product by analyzing and referring to suitable existing.
- Routed work as Caterpillar Production Standards.
- Created virtual assembly for Truck and Non-Truck engines in Teamcenter vismockup.
- Collected information about the assembly sequence and modified based on new product program requirement.
- Worked on Interference, BOM, Compatibility, Assembly sequence, Tooling, Ergonomics, and safety issues on CAT Trucks and Non-Trucks.
- Worked on visual aids by using Teamcenter vismockup.
- Created alternate hierarchy (MBOM) for CAT vehicles.

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Delta Corporation - 2007 – 2010

- Use KeyCreator/AutoCAD to design spoiler molds and fixtures.
- Assisted in design, building, troubleshooting, and integration of digital circuits used in computer on 1978 Ford cars.
- Designed on-board memory cache system on microprocessor - Developed quality testing program for ICs Essex manufactured.
- Maintained CAD library of parts for the Optoform system, using SolidWorks to model and create drawings for each part within the 200+ part catalog.
- Provided technical support to customers covering use of Optoform system, and determined which parts best served their needs.
- Helped run company booth at DiskCon, Photonics West, and CLEO.
- Newtown, PA April 2003 - May 2004 Product development, Engineering and Industrial Design consultancy Junior Design Engineer Job Overview Design and .

SCHOLASTICS

- Bachelor of Mechanical Engineering in Mechanical Engineering - (Anna University)