

ROBERT SMITH

Senior Product Designer I

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Strong work experience in automotive and aerospace engineering product design, tool design, fixture design, structural design, liaison engineering, quality assurance, project coordination, team leadership, technical writing, and data checker. Experienced in coordinating and assisting program management by providing technical advice, process recommendations and locating suppliers for materials and fabricated goods.

EXPERIENCE

Senior Product Designer I

ABC Corporation - 1996 - 2006

- Designed and detailed of various airbag restraint systems from component level to assembly level and applied effective cost saving GD&T practices.
- Correlated customer standards with company standards to produce effective envelope level drawings.
- Read/interpreted and manipulated CATIA V4 & V5 (CAD) models to integrate continuous engineering changes and design studies.
- Modeled and, with a team effort, designed Mitsubishi 2007 driver airbag class A surface plastic mold cover using CATIA V5 software.
- Modeled and, with a team effort, designed sheet metal stamping end plates for Toyota Camry passenger airbag housings using CATIA V4 & V5 software.
- Modeled and with a team effort, designed Mitsubishi steering wheel using CATIA V5 software.
- Maintained responsibility for building prototype components and participated in product modification improvement activities using CATIA V4 & V5 and eMATRIX software.

Senior Product Designer

Delta Corporation - 2005 - 2006

- Interfaced with engineers in Mexico, India, China and Europe during design projects Create Bill of Materials for Door Assemblies, User Interfaces .
- Responsible for design of motor parts, using PRO-E Creo III and Windchill database and PDM Responsibilities included creating and implementing ECNs .
- Also included supplying prototype drawings to the model shop for creation of prototype parts for testing purposes using solids and surfacing programs .
- Product development of fluid management, control systems and product application equipment Provide innovative and practical solutions to customer .

- Gained overseas expertise in manufacturing techniques on site in China, Germany, United Kingdom, and Finland -Developed advanced knowledge in .
- Designed six new products introduced to market, granted US & European patents.
- Full Time) Machine design and detail of vacuum pumps and compressor castings Designs for mounting of pumps, motors, couplings and v-belt drives w/ .

EDUCATION

- Certificate in Solidworks (CAD) - (Autoliv Training - Ogden, UT)

SKILLS

Pro.E, Creo, Design, Engineering.