

Robert Smith

Junior Mechanical Engineer

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SUMMARY

Mechanical Engineer with 20 years experience in antenna support structures, mechanism design, and ruggedized mechanical/electronic packaging. Team player and experienced in leading product design teams from conceptual to prototype to production. Extensive experience in Wildfire/CREO Pro/Engineer, Pro/Engineer Windchill, AutoCAD, MathCAD, MS Word, MS Excel, MS PowerPoint, MS Projects, Agile PDM, and Geometric Dimensioning & Tolerancing.

SKILLS

Mechanical Engineer, Mechanical Designer, Mechanical Structural Analysis, Electrical/Mechanical Packaging, Sustaining Engineering, Task Lead, Team Lead, Design For Assembly, Design For Environment, Illustrator, PRO-E.

WORK EXPERIENCE

Junior Mechanical Engineer

ABC Corporation - May 1992 - May 2020

- Team member of Army's Heavy Terminal Antenna Modernization program.
- Designed and documented three (3) Printed Wiring Boards (PWB) for an Upconverter/Downconverter communication electrical enclosure.
- Interfaced with PWB Fabricator and manufacturing department for PWB population of surface-mounted and through-hole components.
- Designed and documented cable, chassis, and rack assemblies.
- Interfaced with cable manufacturers vendor for the production of cable assemblies, cable harnesses, and cable rack integration.
- Performed duties as a source control inspector to the cable manufacturers.
- \${job_description7}

Junior Mechanical Engineer

Delta Corporation - 1990 - 1992

- Actively contributed in large scale product design assisted with SolidWorks administrator tasks.
- Provided engineering support and computer programming to determine equipment service life and provide preventive maintenance recommendations.
- Piping Site Engineer at Al Khaleej Gas Project, Phase-1 (AKG-1) Tasks included Ensuring safe and efficient working environment; ensuring.
- Decimar is a leading company in radiation therapy device manufacturing and design.
- Working as a member of the product development team, I was responsible for modeling and manufacturing of radiation therapy devices on in house CNC.
- Completed Zeiss Calpyso CMM training in Minneapolis for precision measurement.
- Updates job knowledge by participating in educational opportunities; reading professional publications.

EDUCATION

B.S.E.T. in Engineering Technology - 1990(University of Central Florida - Orlando, FL)