

ROBERT SMITH

Engineering Support Specialist

Phone: (0123)-456-789 | Email: info@qwikresume.com | Website: Qwikresume.com

SUMMARY

Senior Mechanical Design Engineer doing conceptual design and product development from concept to NPI.

CORE COMPETENCIES

Wildfire 4, Creo, Creo2, Solidworks 2012 - 2014, and Autocad.

PROFESSIONAL EXPERIENCE

Engineering Support Specialist

ABC Corporation - June 2008 – January 2009

Key Deliverables:

- Designed and developed a series of 2-inch airflow valves for airplane Cabin Pressure Systems using advanced knowledge of Pro/Engineer Wildfire 2.0.
- Created complex designs of valve components, assemblies, Layouts, drawings compliant with design and documentation standards.
- Created PowerPoint presentations for Layout and PDR reviews.
- Did complex tolerance analysis to ensure form, fit, and function.
- Created Kinematics and Dynamics studies of the valves to determine the motion envelope, loads on the pin joints, and torque curve for the actuator using Pro/Mechanism.
- Prepared cad files and documentation to be sent to the customer and vendors.
- Worked with Stress Engineers and Vibration Engineers to develop mass models for testing.

Engineering Support Specialist

Delta Corporation - 2005 – 2008

Key Deliverables:

- Biomedical Engineering support, Maintenance support, IS Support and member of security team.
- Managed appointments and travel for engineers visiting.
- Created and translated documents for internal and external presentation for.
- Support engineers.
- Create bills of materials and data entry Coordinate builds with manufacturing.
- Purchase materials needed for prototype builds.
- Critical and aggressive support of engineering and/ or process development efforts, controlled and development of reliability testing and /or .

EDUCATION

- Journeyman Tool and Die Maker in Tool and Die - 1978()