

KERRY P. BODLE
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SUMMARY: To obtain position as a mechanical designer in an engineering environment.

RELEVANT SKILLS

- * 13 years of experience with Unigraphics NX2 thru NX10, and SAP/Teamcenter Engineering
- * Formal training in Unigraphics NX, Pro/E, Solid Edge, SolidWorks, AutoCAD 2002
- * Familiarity with Unigraphics Scenario and Nastran FEA software.
- * Formal training and extensive experience with Geometric Dimension and Tolerance (GD&T)
- * Formal training in FAA operational standards for manufacturing and servicing

RELEVANT EXPERIENCE

February 2016-April 2017 Designer/Drafter HRU Inc.

Allison Transmission Inc.. Indianapolis, IN

- *Design and Drafting Allison Transmissions.
- *Tooling designer for 1K2K-9 speed automotive transmission
- *Worked directly with tooling design engineers and FEA

July 2015-January 2016 Designer/Drafter Lionbridge Engineering group

Lionbridge Inc. Indianapolis, IN

- *Design and Drafting Siemens International, Industrial Turbine Power.
- *Design Drafting for Rolls Royce Aerospace cost reduction unit
- *Worked directly with Siemens Engineering for cost reduction and manufacturing.

August 2014-June 2015 Designer/Drafter Sterling Engineering group

Progress Rail Inc. Muncie, IN

- *Design and Drafting for Diesel Locomotives with NX9
- *Created Modeling and Drafting changes for various international products
- *Worked with Caterpillar Heavy Industry standards and design process

March 2014-August 2014 Designer/Modeler/Alliance Group Technologies Corporation

General Motors Corporation, Castleton, IN

- *Created models for G1000 heavy duty transmission.
- *Performed engineering design reiteration and component layout
- *Prepared engineering models for structural analysis and FMEA

December 2008-March 2014 Designer/Modeler/Belcan Technical Services

Rolls Royce Aerospace, Indianapolis, IN

- *Created model changes, part importation and PLM/Teamcenter troubleshooting on large models
- *Resolved modeling system errors and assembly issues relating to legacy system issues.
- *Created solid models and drafts for the F-36 Joint Strike Fighter/Lift Fan development
- *Preformed tool clearance analysis for assembly procedures of Lift Fan assembly

October 2007-December 2008 Designer/Modeler

Miller Consulting Indianapolis, IN

- * Created various UG models and drawings of orthopedic implants
- * Created models and drawings of Inlet Combination Pressure-Temperature Rakes for gas turbine engine.
- * Created Fan Rig Stationary Instrumentation models and drawings for AE 3007 A2 gas turbine engine
- * Designed weld and machine fixture for X-47/NUCAV exhaust port

October 2006- 2007 Designer/Modeler/ Miller Consulting
Depuy Orthopedics Inc., Warsaw, Indiana

- * Design of Biomedical implants and surgical instruments related to Knee-joint development as well as redesign for FEA analysis.
- * Working with Biomedical Engineers to design and problem solve products in relation to bio-structure and movement.

March 2006 – October 2006 Designer/Modeler/Miller Consulting
Zimmer Inc, Warsaw, Indiana

- * Design of Biomedical implants and surgical instruments related to Trauma Development
- * Prepared models for FEA analysis for ANSYS FEA software
- * Working with Biomedical Engineers to design various patent pending surgical items
- * Working with FDA standards for design and material control

August 2005 – March 2006 Mechanical Designer/Drafter
Banks Engineering, Elkhart, Indiana

- * Design and perform structural testing of roof components and home designs
- * Test and analyze roof structures according to state building codes and requirements
- * Calculate design stress and material properties of roof structures subject to various environmental conditions

March 2004 – July 2005 Mechanical Designer/Drafter
Monaco Coach/ Roadmaster Chassis, Elkhart, Indiana

- * Played a key role in the design and manufacturing of diesel motor coach chassis
- * Performed solid modeling of large assemblies for production and testing. NX2
- * Completed full chassis designs and directed full prototyping and testing of the designs
- * Designed, prototyped, and tested diesel chasses for international clients from conception to Production

February 2001 – May 2002 Group Leader – Inspections and Maintenance Avionics
Chicago Express Airlines, DBA. ATA Connection, South Bend Regional Airport
South Bend, Indiana

- * Managed multiple employees for FAA required inspections and maintenance
- * Performed various FAA time sensitive operational inspections on SAAB 340-B aircraft
- * Played a key role in the removal, replacement, and testing of General Electric CT7-9B turbine engines and Hamilton Standard Turbo Prop systems
- * Lead troubleshooting of avionics and electrical systems in accordance with manufacturers and FAA guidelines to airworthiness standards

EDUCATION

Purdue University – Mechanical Engineering Technology/Technical Graphics	2002-2005
Andrews University – Aeronautical Technology/ A&P	1999-2003
Indiana University South Bend – Business Program	1997-1999
Ball State University – Entrepreneurship Program	1994-1997