

NAME: Jeffrey R. Gamble
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Mechanical Designer / Engineer:

RMH Group
Lakewood, Colorado
November, 2011 to May, 2015
Designer III in the field of Facility Systems Design. Detailed Mechanical, Electrical, and Plumbing systems in Autocad and Revit 3D building design software. Projects included systems for Heating and Power plants, Healthcare, and Educational facilities.

Synchroness
Westminster, Colorado
November 2010 to March 2011
Contract Mechanical Designer to design and detail advanced assembly fixturing for medical instruments. Required expert knowledge of Solidworks and PDMworks.

IEDrives
Golden, Colorado
May 2010 to August 2010
Consulting Mechanical Designer to provide battery array packaging as well as drive and component mounting for an existing electric metro-service vehicle. Solidworks, component fabrication, mechanical assembly.

RMH Group
Lakewood, Colorado
May, 2009 to February, 2010
Lead Mechanical Designer assisting with engineering and implementation of the Space Operations Simulator for Lockheed. Required advanced Solidworks skills and the use of finite element analysis. Included use of PDMworks for Solidworks. Designed hydraulic counterbalancing system for vertical payload, payload platform for vertical axis, and rotational drive for platform movement about vertical axis.

Tristar Systems
Arvada, Colorado
September 2006 to March 2009
Senior Mechanical Designer on automation projects. Managed projects and principle designer for Fill Port Tube Capping Machine, Automated Aircraft Brake Riveting System, and Steripak Box Forming System. Solidworks.

Vairex Corporation
Boulder, Colorado
May, 1996 to September, 2006
Senior Product Designer for air compressors targeting the automotive and fuel cell industries. Also responsible for designing compressor systems, and compressor test equipment. Products included a family of vane compressors, regenerative blowers and piston compressors. Highlighted knowledge of thermodynamics and stress analysis, as well as knowledge of rotating machinery. Solidworks since 1997.

Summit Machine Builders
Denver, Colorado
September, 1993 to May, 1996
Design and engineering of automation systems for precision powder filling and assembly of air bag igniters. Highlighted knowledge of pneumatics and ability to direct projects to completion. These included multi-station conveyor and turntable systems operating in an explosion proof environment

Further job history includes positions held in the Boulder, Colorado area going back to 1981. Job highlights include work in vacuum technology, automated systems, and rotating machinery.

Education:

Graduated from Tomahawk High School in Tomahawk, Wisconsin. Received an Associate Degree in Mechanical Design Technology from North Central Technical Institute in Wausau, Wisconsin. Completed two years of Basic Engineering courses at Cornell University in Ithaca, New York.