

# Kevin Moyles

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## **Objective:**

Professional position where my leadership experience in design, manufacturing and familiarity in a wide variety of technologies will spark productivity in a dynamic team

## **Professional experience:**

Manufacturing Engineer, Sure Power Industries

Tualatin, OR November 2006 - Present

- Maintained annual cost reduction project deck of \$2mil
- Introduced HASS/HALT reliability testing, robotic fluid dispensing, AOI capability
- Managed release and development of multiple product lines in USA, Canada, China and Taiwan
- Internal auditor to ISO9001:2002 / TS16949 automotive quality standard

Design Engineer, Artex Aircraft Supplies

Aurora, OR July 2003 – November 2006

- Design Rf transmitter and digital control electronics for Emergency Locator Transmitters
- Maintain conformance with FAA, FCC and COSPAS/SARSAT requirements, AS9100 auditor
- Oversee crash survivability testing, airworthiness and environmental testing programs

Lead Machinist, Clarkson University Machine Shop

Potsdam, NY Aug. 2001 - May 2003

- Designed and produced custom metal, plastic and composite parts
- Made extensive use of AutoCAD, Solidworks and CAM/NC compilers
- Maintained and repaired more than 40 CNC, screw machines and welders

Software Engineer, GE Research and Development, High Performance Computing group

Niskayuna, NY May 2001 - Aug. 2001

- Created web based interface for supercomputer applications that was launched worldwide
- Developed low cost clustering systems for 8 GE business customers in 5 countries

Software Engineer, Lenz and Reicker, Inc.

Albany, NY May 1998 - Jan. 2001

- Administered Windows NT and VMS environments for 80 users
- Converted and implemented code changes for Y2K across three offices in NY and NJ

## **Professional Strengths:**

Project management

- Cross functional communication with sales, R&D, materials, operations, quality and executives
- Delivering real-world schedules and budgets and meeting my commitments

Cost reduction

- Improving production flow with value stream mapping and applying lean principles
- Exploring new opportunities in technology to maintain world class products and processes
- Managing post release and continual improvement design and manufacturing changes

Quality and reliability improvement

- Designing in reliability with early cycle DFMEA/PFMEA analysis and follow up
- Continuous improvement using SPC and RMA/DMR analysis in production

## **Education:**

B.S. in Electrical Engineering – Clarkson University, Potsdam, NY 1999 - 2003

Math and Computer Science – Rensselaer Polytechnic Institute, Troy, NY 1998 - 1999