

BAKERY ENTREPRENEUR

Summary

Comprehensive experience in manufacturing, reliability engineering and nuclear processing.

Experience

Company Name City , State Bakery Entrepreneur 10/2011 to 08/2014

- Established and built a strong local cupcake store brand name through quality products, community.
- involvement and alternative advertising methods.
- Performed employee hiring, training and supervisory duties.
- Engaged in day-to-day operations of all aspects of the store including baking, cleaning and customer service.

Company Name City , State Project Engineer 02/2010 to 02/2014

- Hired on through Nuclear Fuel Services, located in Erwin, TN, and transferred to B&W in 2011
- Data research for equipment segmentation and disposal project
- Research and design cutting methods for large equipment
- Design self-powered transportation system for large equipment
- Project engineer for design phase of a new Category 2 nuclear processing facility, Isotek project
- Perform field walk downs to generate P&ID drawings using AutoCAD for assigned systems
- Develop technical basis for assigned systems
- Develop technical specifications and requirements, including documentation of engineering calculations, to support technical basis
- Perform and review calculations for new design and facility support
- Write and review System Design Descriptions for new design
- Perform database maintenance for an equipment reliability system

Company Name City , State Reliability Engineer Intern 05/2007 to 08/2009

- Summer 2007: Located on-site at DuPont Chambers Works “ Deepwater, NJ
- Set up bearing ultrasound program integrating the maintenance with SAP
- Performed flow meter failure analysis
- Performed gearbox failure analysis
- Summer 2008: Located on-site at DuPont Titanium Technologies “ Edge Moore, DE
- Designed new piping system for failed pipe
- Performed root cause failure analysis (RCFA) for failed pumps
- Developed a standardized job procedure for pipe flange make up
- Summer 2009: Located on-site at Renew Paper “ St. Francisville, LA
- Established lubrication program for plant after a two-year shutdown
- Worked with vendors to determine appropriate lubrication types and methods
- Set up lubrication filtering and dehydration procedure for large containers of lubrication

Company Name City , State Aviation Electronics Technician 09/1995 to 12/1998

- Assistant shift supervisor for an F/A-18 Hornet squadron VFA-25.
- Managed and delegated maintenance tasks among 30 squadron members.
- Coordinated communication during launch procedures between our squadron aircraft and flight deck control aboard an aircraft carrier.
- Voluntarily trained as final checker (inspector) of aircraft prior to launch.

Education

Bachelor of Science : Aerospace Engineering December 2009 University of Tennessee Aerospace Engineering

Additional Information

- Six Sigma Lean/DFSS Green Belt November 2014
- Engineer in Training (EIT) January 2010
- DOE Level Q Security Clearance October 2010 “ February 2014

Skills

Communication, Safety, AutoCAD, Customer Service, Database, Quality, Research and Design, SAP, Root Cause Failure Modes and Effects Analysis, Lubrication