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BACKGROUND SUMMARY

Extensive experience in project and engineering management to support market, industry and business requirements spanning various industries including chemical processing, industrial equipment, semiconductor, printing and mining. Generated process efficiencies resulting in significant improvements in productivity and accuracy.

PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS

Bucyrus International – South Milwaukee, WI

2006-Present

Sales & Production Support Engineering Manager – Shovels

Bucyrus is a manufacturer of mining equipment. Responsible for managing staff of seven engineers to complete BOM and drawing releases for Mining Shovels and responding to Sales inquiries and RFQ's.

- Completed all BOM releases to the shop at an on time rate of 98% (up from 80% upon arrival) by close monitoring and application of available resources (evaluation by metrics).
- Achieved Engineering error rates at 0.8 per 1000 man-hours by implementing rigorous engineering processes to the work flow (evaluation by metrics).
- Reduced man-hours required per sold machine project by 50% by workflow analysis and elimination of non-value added activities(\$300,000 annual savings). Developed tool to monitor and control staff workloads.
- Leveraged the diversity of people and knowledge within the department by implementing the sharing of best practices and cross-training resulting in greater resource flexibility.
- Built database with codified standard responses to Sales resulting in consistent, correct responses with turnaround to requestor in 50% of the time previously required.

Electrical Engineering Manager – Shovels and Drills

Responsible for the electrical portion of development projects for new machine features for Blasthole Drills and Electric Mining Shovels.

- Developed machine features including improved machinery house filtration system, low maintenance shovel crowd mechanism and low maintenance dipper release mechanism. Reduced maintenance estimated to save customers \$1M per year per machine. Used FMEA as an analysis tool.
- Worked with Software Engineering to improve release control of machine application software leading to improved software quality and reducing man-hour requirements per machine.

Quipp Systems – Miami, FL

2004-2006

Electrical Engineering Manager

Quipp is a manufacturer of newspaper mailroom equipment. Responsible for full performance management of staff of 10 persons and \$10M of projects annually.

- Improved accuracy and timeliness of engineering deliverables from 60-70% to near 100%.
- Reduced quotation lead-times by 50%.
- Championed process enhancements by finding a qualified subcontractor to provide superior engineering skills previously lacking in the department.
- Primary point of contact with customers on complex/critical engineering issues.

AGS – Exton, PA

2003-2004

Senior Project Manager - Contract

Contract project manager for environmental signage, primarily for medical facilities.

- Lowered installation costs by 50% above existing company norms by implementing improvements to the change control process.

- Developed, implemented and executed multiple project plans and metrics, resulting in timely and accurate completion of each task and delivery of customer required documentation per contract.
- Utilized standard PMI practices tools to monitor, track, report and manage all facets of the project.

FERAG AMERICAS – Bristol, PA

2002-2003

Electrical and Software Engineering Manager

Ferag is a manufacturer of newspaper mailroom equipment. Managed a staff of six engineers to provide electrical and software engineering support to multiple customer sites throughout the US.

- Developed metrics for analysis of department workload to determine adequacy of resources, resulting in new hiring and training practices to successfully leverage engineering requirements.
- Set up and directed multidisciplinary team to solve critical copy detection problems.

JLS AUTOMATION – York, PA

2001-2002

Engineering Manager

JLS is a supplier of drive system solutions, particularly for printing and conveying systems. Managed staff of 12 multi-disciplinary engineers for a variety of conveyor and pick-and-place equipment.

- Developed relationship with new client that resulted in \$300,000 contract being awarded.
- Responsible for timely resolution of internal and external engineering issues.
- Ensured that all aspects of each project were closed out in concert with completion of all deliverables to contract specifications (QA, testing, production, installation and billing).

MATTSON TECHNOLOGY, INC. – Exton, PA

1999-2001

Senior Project Engineer

Mattson is a manufacturer of semiconductor wet processing equipment. Responsible for all control and hardware design engineering for new product development.

- Designed all the control hardware for new Ozonated Water and Low Consumption IPA Dry, working extensively with process engineers to insure proper integrity of processes in this equipment. IPA consumption (customer supplied utility) reduced 2/3.
- Rapid Product Development Team Leader for two new product rollouts.
- Established and tracked metrics to manage and document successful compliance to S2-0200 and other pertinent standards.

GOSS GRAPHIC SYSTEMS (ROCKWELL GRAPHICS)

1985-1998

Chicago, IL and Reading, PA

Manager, Electrical Customer Engineering

1996-1998

Senior Development Engineer

1985-1996

Goss Graphics is a manufacturer of offset, web printing presses. Involved in all phases of engineering pertaining to the sale, manufacture and installation of offset web printing presses. This included RFP's, production ordering, sustaining engineering, installation, vendor coordination and startup assistance.

- Shaped the changing needs of the company by developing a new engineering department at the remote manufacturing facility in Reading.
- Created a system of tracking shop floor reports resulting in a 50% reduction in turnaround time.
- Generated new opportunity for growth by the development of improved site drawing methodology such that information was communicated to contractors with 25% fewer field problems.

EDUCATION AND AFFILIATIONS

- MBA, Northwestern University, Evanston, IL
Majors in Operations and Marketing
- BSEE, Marquette University, Milwaukee, WI Cum laude
- Completion of Certification for "Fundamentals of Project Management" at University of Florida
- Member of IEEE – Institute of Electrical and Electronic Engineers

SKILLS – Lotus Notes, Microsoft Office, Microsoft Project, IBM CADAM, PLC programming