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Program Manager / Engineering Manager / Product Engineer

Driving Product Development Programs to Completion, On-Time and On-Budget
Aggressive Cost Reduction of Existing Product Lines Using Experience and Technology
Developing and Implementing New Procedures to Improve Company Performance
Leadership of Engineering and Project Teams with Budget and Management Responsibilities

My success as a program manager, engineering manager and product engineer is attributable to my ability to seize opportunities and capitalize on resources to develop new products and direct company processes. My background in multiple technologies and market segments allow me to bring new tools and processes to bear on corporate challenges. Decisive leader in the areas of product development, program management, organizational development including staff development, strategic planning and procedure development. Willing to relocate for the right position.

Program Management: The key to program management is the vision to see a product from concept to completion. I have been fortunate to bring a number of programs through this process, on time and on budget. From meeting with customers to develop product specifications; developing the budget and project schedule; assembling the project team; there is great joy in seeing that first piece move off the end of the production line, knowing that you were able to marshal all the resources necessary to make that event happen. The greatest impact from my MBA has been to improve my ability to communicate and work with all functional areas within a company. Assembling the resources required for program success depends on being able to speak to each functional area in their own language.

Engineering Management: Managing groups of engineers is certainly a challenge not often covered in MBA programs. Personalities, work styles, budgeting and setting personal and professional goals in an engineering environment require a specific set of skills. Because of my background, I have been able to work with all my engineer associates, challenging and teaching them to meet and exceed, not only company expectations, but also their own.

Product Engineering: Making significant improvements in existing products and procedures is often a matter of looking from a different perspective. I have been able to use knowledge earned in one industry to improve products and procedures in a different one. When all you have is a hammer, all problems look like nails. My time in a wide assortment of industries and company sizes and styles has given me a fuller tool kit, allowing me to bring the appropriate tool to bear as problems present themselves.

MBA – University of LaVerne; **BS Physics** – Cal Poly, Pomona

Selected Achievements and Skills

New Product Development: Based on current sales volumes, design and cost analysis, selected automotive sensor product line to convert from purchase to manufacturing. Established budget, schedule and milestones. Lead design effort, coordinated among four divisions in both the US and Mexico, to create new production area and introduce numerous new processes. Responsible for the design and production of high-volume, low-cost industrial accelerometer. Implemented first Continuous Flow manufacturing line in company history. Directed transfer of production to an offshore assembly plant in the US Virgin Islands. Introduced the “Team” concept of product design, bringing Quality and Manufacturing Engineering, Marketing, as well as outside vendors into the design process, reducing parts cost up to 50%.

Problem Solving: Took over trailer lighting project from outside consultant, driving project from CAD models to product launch in six months. When product failed to meet customer expectations, created recovery plan to use existing tooling and engineering work to change the basic technology used in the product in six months. Automotive customer needed a significant increase in the accuracy and repeatability of engine speed sensor performance. Developed unique signal processing system (patented) which allowed the sensor to automatically correct for very small changes in the sensing environment. Improvement in sensor accuracy required development of new test system that was accurate enough to evaluate this new class of sensors. New test system improved accuracy and repeatability of results 100 fold.

Cost savings for existing product lines: Re-engineered existing line of temperature sensors. New design using common design elements and DFMA principles across the product line reduced parts cost by 28%. Design change included reducing sensitivity to part-to-part variation, reducing scrap rates by 45%. Effort included transferring production to Mexico.

Skills: Exceptionally strong written and verbal communication skills (Dale Carnegie and Public Relations training, including press conferences, interviews and large-scale sales presentations). Proficient in solving problems and implementing solutions under tight deadlines using 8D tools. Extensive knowledge and training in APQP, FMEA, SPC and DVP&R; certified QS9000 auditor. Excellent computer skills with strong knowledge of Microsoft Project and building tools in Excel and Access.