

## Product Development Engineer I

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## Objective

Innovative product development leader, who engages with internal and external resources, to convert ideas into revenue generating programs. Adept at identifying and analyzing technologies to generate business opportunities and develop high performance engineering teams to successfully commercialize products.

## Skills

Researching And Developing New Technologies, Business.

## Work Experience

### Product Development Engineer I

**ABC Corporation** - January 2004 – April 2007

- Product Development and Cost Reduction Enabled \$50M annual revenue by developing marine engine components using DFSS.
- Achieved \$2M annual savings by leading 2 Six Sigma cylinder head refurbishment programs.
- Obtained \$600K annual savings by leading Six Sigma engine valve and spring failure programs.
- Saved \$400K annually by leading cylinder head cost reduction program.
- Validated designs for 99% reliability via validation plans, design reviews, and testing.
- Implemented design changes at 3 manufacturing plants by managing inventory and performing DFMA.
- Plant Support Avoided \$10M/day plant shutdowns by leading cross functional teams to perform failure analyses.

### Product Development Engineer

**ABC Corporation** - 2000 – 2004

- Electronic Controls Mfr.
- Duration 1993-1996 Job Duties Product Development Engineer.
- Designed solid state relays and proportional power controllers.
- Modified stock products for custom applications per customers requests.
- Developed the companys first microprocessor based machine controller.
- Created PC board artwork, built prototypes, specified manufacturing procedures, designed testing apparatus, supervised Quality Control procedures, generated and maintained engineering department documentation.
- Collateral duties included Applications Engineering and Technical Sales..

## Education

M.B.A. - (Pennsylvania State University - Erie, PA)