ASWIN, M.Tech.

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**OBJECTIVES**: To pursue a position in the field of engineering in which I can utilize and build upon mycurrent knowledge of modern engineering methods and to work for the simultaneous growth of my company thereby approaching a positive growth of my career along with the cherished reputation of my organization.

**PROFESSIONAL EXPERIENCE:**

**Role:** Production Control Engineer

**Company:** Mathivanan Steel Furniture and Metal Works

**Total Experience:** April 2016 till date–2 years

**Projects Undertaken:**

* Fabrication of segregation shed – 1 Year 9 Months
* Fabrication of push cart and dustbins for waste management – 1 Year

**Responsibilities:**

* Provide engineering support for production and maintenance activities to ensure maximum production.
* Develop operational strategies to achieve production and financial objectives.
* Establish safety procedures and environmental regulations for employees.
* Perform engineering analysis to reduce downtime and outages.
* Evaluate current production activities and make recommendations for improvements.
* Implement cost reduction initiatives while maintaining high quality standards.
* Develop operating instructions and equipment specifications for production activities.
* Provides training and guidance to team members to accomplish production goals.
* Stay current with product specifications, engineering technology and production processes.

**TECHNICAL CERTIFICATIONS:**

* Certified in IOSH Managing Safely from Institute of Occupational Safety and Health,UK.
* Certified in Fundamentals of Manufacturing from Massachusetts Institute of Technology (MITX), USA.
* Certified in Six Sigma Concepts from Technical University of Munich (TUMX), Germany.
* Certified in Operations Management from Indian Institute of Management of Bangalore (IIMBX), India.
* Certified in Lean Production from Technical University of Munich (TUMX), Germany.

**CORE COMPETENCIES:**

* Automotive Engineer
* Mechanical Engineer
* Production Control Engineer

**TECHNICAL SKILLS:**

* AutoCAD (v.2012) Software
* Pro-E (v.5) Simulation Software
* ANSYS (v.2012) Simulation Software
* Lean Production
* Six Sigma
* Operation Management
* Microsoft Office

**EDUCATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LEVEL** | **BRANCH** | **INSTITUTION** | **YEAR** | **SCORE** |
| Under Graduation | Mechanical | Sastra University, Thanjavur. | 2011-16 | 5.95 out of 10 |
| (B.tech) and Post | Engineering and |  |  |  |
| Graduation (M.tech) | Automobile |  |  |  |
| (Integrated) | Engineering |  |  |  |
| Higher secondary | Computer | Don Bosco higher secondary | 2009-11 | 90.0 % |
| board(12th) | Science | school, Thanjavur. |  |  |
| Secondary board(10th) | Matriculation | Don Bosco higher secondary | 2008-09 | 84.8 % |
|  | Board | school, Thanjavur. |  |  |

**ACADEMIC PROJECTS:**

**Project 1 :** *Optimization of Locomotive Engine Crankshaft*

**Duration :** *Final Year Project of Master’s Degree*

**Field :** Automobile Engineering

**About :** An optimized design of existing locomotive engine crankshaft is modeled and variousanalysis were done to save material and to reduce the cost of manufacturing. The modeling is done in Pro-Engineer wildfire and Analysis id done in Ansys Software.

**INDUSTRIAL EXPERIENCE:**

Partial Industrial Exposure at Shanmuga Precision Forging for a period of one Year from 2014 to 2015 on Design, forging, Quality inspection.

**SUBJECTS OF INTEREST:**

* Methods of Lean Production
* Six Sigma methodology
* Modern Engineering and Manufacturing Techniques
* Internal Combustion Engines
* Automobile Technology

**PERSONALITY TRAITS:**

Quick Learner, Problem solver, Adaptability, Communication skills, Determined, Proactive, Creativity, Time management, Presentation skills

**INTERESTS:**

Manufacturing, Automobile, Body Building, Travelling, Anime, Racing, Sports **PERSONAL DETAILS:**

GENDER

LANGUAGES KNOWN

NATIONALITY

MARITAL STATUS

DOB

NOTICE PERIOD

CURRENT LOCATION

WILLING TO RELOCATE

WILLING TO TRAVEL ABROAD

: Male

: English, Tamil, Hindi(Beginner)

: Indian

: Single

: 03-Mar-1994

: 30 Days

: Thanjavur, Tamilnadu, India

: Yes

: Yes