

A.MANOJKUMAR

CHENNAI-TAMILNADU-INDIA

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Professional Summary

Dedicated mechanical engineer with 2 years of experience in Production, design, development, quality assurance and cost estimation. Knowledge in CAD operation, and skilled producer of documentation and drawings associated with mechanical engineering. Recognized for a keen ability to improve design components, increase product and manufacturing efficiency, and decrease the constant need for re-engineering. Presented a paper in international conference on green manufacturing and awarded with best paper certification

Skills

Project management skills. Software technical proficiencies include AutoCAD, CATIA, CREO, SOLIDWORKS, Primavera, and MS Office Suite. Presentation Skills which helps the clients in better understanding of the project, Research and design proficiencies including Manufacturing specifications, and Design & Validation. Active listening and critical thinking skills for determining clients' needs and implementing plans to make them a reality. Excels in teamwork environments where engineers come together to gather information, problem solve, and implement a strategy. Affinity for identifying the underlying principles affecting situations, which leads to less time brainstorming and more time actively building workable solutions.

Work Experience

Operation Strategist

Agnikul Cosmos - Chennai

From August 2021

- To Optimize the Supply Chain
- Coordinating with Research and development team to ensure proper use of Resources
- Sourcing a Proper vendor by understanding the specs given by the Research team
- Maintaining a long term relationship with the vendors.
- Taking ownership of the project starting from sourcing till the dispatch of the component.

Production Engineer

SOV Engineering - Chennai

August 2020 – February 2021

- Estimating cost for the project based on client needs by collaborating with the fabrication team for cost effective manufacturing methods.
- Acted as technical support during the preparation and coordination of design used in industrial projects.
- Effective inventory management as well as Production control to ensure minimal loss of material.
- Supervising the overall production and quality to decrease the need of re work.
- Leads team with strong communication and presentation skills and the ability to coordinate with staff, management, and vendors to achieve maximum results

Junior Maintenance Supervisor

Kuwait National Petroleum Company - Kuwait

December 2019 – June 2020

- Complete maintenance work of a 140 feet depropanizer tower which includes Blinding, Opening of Man way and Hatch way, Buffing, Offering inspection, Closing of Hatch way and Man way, deblinding and Purging in LPG Production Plant by following safety standards.

- Clearing 150 defect list by repairing and replacing valves, removal of damaged spool and replacing it with newly fabricated spool, Hydro testing the replaced pipelines and offering for inspection by following safety standards.
- Complete maintenance work of a Reformer and 2 Heater which includes blinding, removal of manway opening and buffing of welding joints in coil, offering for inspection, pneumatic test closing of manway and Deblinding.
- Coordinated manpower for daily maintenance work and acted as a bridge between top level management and employees throughout Kuwait National Petroleum Company during covid lockdown situation

Crafts and Personalized Gift Sales **June 2017 – November 2019**

- Selling personalized gifts like explosion box, Scrap book, Photo cube made based on customer's needs.
- Product Marketing was done using digital platforms.
- Teaching Origami and other crafts in corporate events and for Slum Children in collaboration with NGO.

Education

BE Mechanical Engineering -71.5% DMI COLLEGE OF ENGINEERING	2018
Higher Secondary Education - 81.58% KALASHETRA MATRICULATION HIGHER SECONDARY SCHOOL	2014
Secondary Education - 89.2% KALASHETRA MATRICULATION HIGHER SECONDARY SCHOOL	2012

Projects

Maintenance of Continuous Catalytic reforming unit Role: Junior Maintenance Supervisor Overall Maintenance of Continuous Catalytic reforming unit in which our scope is to do overall maintenance of a Reformer and 2 heaters	1 month
Maintenance of LPG Production Plant Role: Junior Maintenance Supervisor Overall Maintenance of LPG Production plant in which our scope is to do overall maintenance of depropanizer tower	3 month
Major Refinery Turn Around Role: Junior Maintenance Supervisor Overall Maintenance of Hydrogen Production plant in which our scope is to repair and replace 150 defect lists.	1 month
Design and Fabrication of Honey Extraction Unit Role: Team Leader The idea is to design a honeycomb in such a way that the extraction can be done without removing the hive. The prototype was designed using CATIA and made using 3D printer.	7 months
Sterling Linear Generator Role: Team Leader Alternate Engine design made from scrap which produces both electrical and mechanical power with less fuel consumption.	6 months

Rocking Chair Power Generator

1 month

Role: Team Leader

The prototype is made from college workshop in which the chair produces power by simply rocking it. The power can later be used to charge small gadgets.

Achievements and Rewards

- Certified in foundation of project management by google.
- Presented a paper in an international conference on green manufacturing and the paper was selected as best paper.
- Won 3rd price in Glider making competition
- Awarded as best volunteer in National Seed Diversity Festival

Extra-Curricular Activities

- Volunteer in many Non-Governmental Organizations..
- Done Awareness Wall Paintings and food drives for the need and Awareness speech in Public places.
- Overall coordinator in College Symposium and other events
- Trained as First responder by Alert
- Coordinated and performed Silambam and Yoga in Cultural events

Personal Details

DATE OF BIRTH : 13/12/1996

FATHERS NAME : ARUNAGIRI.R

NATIONALITY : INDIAN

SEX : MALE

MARITAL STATUS : SINGLE

LANGUAGES KNOWN : ENGLISH, TAMIL

Passport Details

PASSPORT NUMBER : U1717509

DATE OF ISSUE : 22/11/2019

DATE OF EXPIRY : 21/11/2029

PLACE OF ISSUE : CHENNAI

Declaration

I hereby declare that the details furnished here are true to the best of my knowledge.

Place: Chennai

Date:

SIGNATURE