**RAMAKRISHNAN**

**RAMAKRISHNAN.308986@2freemail.com**

**Master Degree in Mechanical Engineering (Experience: 4.2 years)**

Computer Integrated Manufacturing,

**PSG College of Technology**, Peelamedu, Coimbatore – 641 004.

**OBJECTIVE**

Intended to pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in better utilization of my skills and abilities with sheer determination, dedication and hard work.

**ACADEMIC PROFILE**

* **M.E 2013**

**Specialization : Computer Integrated Manufacturing**

**College : PSG College of Technology (Autonomous)**

**University :** Anna University of Technology, Coimbatore.

**CGPA : 7.38**

* **B.E** **2010**

**Discipline : Mechanical Engineering**

**College : A.C. College of Engg. & Technology**, Karaikudi.

**University :** Anna University, Chennai.

**Aggregate : 64%**

* **H.S.C** **2004**

**School : N.S.V.V Boys Hr.Sec. School**,Pattiveeranpatti.

**Board :** State

**Aggregate** **: 89.93%**

* **S.S.L.C** **2002**

**School : N.S.V.V Boys Hr.Sec. School**,Pattiveeranpatti.

**Board :** State

**Aggregate** **: 71.2%**

#### SOFTWARE EXPERTISE

* **Drafting Tools :** AutoCAD 2013.
* **Modeling Tools :** Pro/E 4.0.
* **Analysis Tools :** ANSYS 15.0.
* **Programming Skills :** C, C++ and CNC.
* **Virtual instrumentation tools** **:** Lab VIEW 8.6.
* **Graphics Tools :** Photoshop cs 6.

**AREAS OF INTEREST**

* HVAC, Piping, Design and Analysis, Instrumentation. Hydraulics and Pneumatics
* Automobiles, Mechatronics, Automation & Robotics.

**PROJECTS**

* Designed and Analyzed “**Seismic analysis of control Rod in Power Plant**” by using ANSYS as Project in **IGCAR** under the guidance of **ANNA UNIVERSITY**.
* Designed and Fabricated “**Sliding wear analysis on coir Pith/Coir Pith-alumina with polyester resin micro composite”** as our main project Under Graduate.
* Designed and Fabricated “**Investigation on Mechanical and Tribological Characteristics of Metal matrix composite Brake disc”** as our main project in Post Graduate.
* Programmed “**Students Detail Notebook by using C++ programming”** as lab mini project in Post Graduate.

#### WORK EXPERIENCE

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| --- | --- | --- | --- |
| S.NO | DESIGNATION | INSTITUTE/COMPANY | YEARS/MONTHS |
| 1 | Mechanical Engineer (QA/QC)(CBDC Project-TAKREER) | Danway Electro Mechanical Engineering LLC (Under Subcontract)Abu Dhabi, UAE. | Six months\*(April2016-Present) |
| 2 | Project Engineer(NON PROCESS BUILDING PROJECT- SHAHGAS PLANT-HAMEEM) | Emguard Electro Mechanical General and Cont, LLC Abu Dhabi, UAE. |  Nine months(July2015-March2016) |
| 3 | Project Associate(IGCAR-PROJECT) | Anna University, Chennai,Tamilnadu,India. | Eight months(November2014-June2015) |
| 4 | Design Engineer (Mechanical Design ) | Bright Engineering Works,Coimbatore,Tamilnadu,India. | Two years(June2010-June2011)&(Nov 2013-Nov 2014) |

#### \*Presently working

**RESPONSIBILITY**

**MECHANICAL ENGINEER (QA/QC) (6 Months)**

**Field: Quality control in Mechanical and Instrumentation**

* Prepare RFI (Report for Inspection) to client for joint inspection of completed work
* Ensuring all instrument were installed& tested as per project quality procedure and project specification and prepare QR forms (Instrumentation Installation Inspection).
* Coordinate with construction personal about ongoing inspection issues.
* Regular reporting to QA/QC Manager, discussion with construction manager and/or project manager on any major issues which require immediate action.
* QC inspection for Mechanical/Instrumentation system as per quality control procedure, instrument test plan and project specification and Ensure proper implementation of ISO 9001.
* Inspection of cable trays, conduit, instrument, marshalling cabinet, interface cabinet, control desk and low voltage distribution system.

**PROJECT ENGINEER (MECHANICAL) (9 Months)**

**Field: HVAC, PIPING & MEP**

* Develops project objectives by reviewing project proposals and plans; conferring with management.
* Determines project responsibilities by identifying project phases and elements; assigning personnel to phases and elements; reviewing bids from contractors.
* Determines project specifications by studying product design, customer requirements, and performance standards; completing technical studies; preparing cost estimates.
* Maintains project schedule by monitoring project progress; coordinating activities; resolving problems.
* Controls project plan by reviewing **HVAC**,**PIPING** and **MEP** design, specifications, and plan and schedule changes; recommending actions.
* Controls project costs by approving expenditures; administering contractor contracts.
* Prepares project status reports by collecting, analyzing, and summarizing information and trends; recommending actions.

**PROJECT ASSOCIATE (8 Months)**

**Field: Product Development and Finite Element Analysis (ANSYS)**

* Provide mechanical design and development new products for automotive equipment and industrial tools industry.
* Analysis of mechanical systems, including Finite Element analysis for structural, fatigue, thermal, vibration, and acoustics.
* Reduce product cost and improve design performance working with other groups on value engineering initiatives. Investigate, develop and implement new process technologies of major scope.

**DESIGN ENGINEER (MECHANICAL) (2 Years)**

**Field: Design Product Development and Finite Element Analysis (AUTO CAD, PRO-E & ANSYS)**

* Carries out detailed mechanical design work including 3D modelling, simulation & analysis.
* Design verification testing, as required. Agreeing the mechanical design approach with the Engineering Manager and Senior Mechanical Design Engineers.
* Responsible for mechanical part selection taking into consideration obsolescence, availability and cost.
* Ensures design files and information are kept up to date, and stored in accordance with departmental procedures.
* Liaises with other Engineering departments to ensure that the required information is available when needed and customer requests are dealt with in a timely manner.
* Analysis of mechanical systems, including Finite Element analysis for structural, fatigue, thermal, vibration, and acoustics.
* Research and analyze customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications.

#### PERSONALITY TRAITS

* Eager to take responsibility and put dedicated efforts.
* Grasping good things from every one and my passion is to lead or work in a team.

#### PERSONAL PROFILE

* Date of Birth : 28thMay, 1987.
* Linguistic Ability : English, Tamil, Malayalam, & Hindi.

**DECLARATION**

I hereby declare that all the statements made in the above application are true and correct to the best of my knowledge and belief.

Place : Abu Dhabi

Date :