

**ASWIN**

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**MECHANICAL/ PROJECT ENGINEER PROFESSIONAL**

* ***Offering 3 years of imperative experience in Construction and Design Industry as Mechanical Project Engineer.***

**PERSONAL TRAITS:**

* + Competent and dynamic professional with a zeal for engineering and management.
  + Team leader, trainer & a motivator having ability to generate maximum team productivity.
  + Fine-tuned analytical & problem solving skills coupled with exceptional communication.
  + Creative, efficient, detail-oriented, and mechanically inclined.
  + Calm and collected mentality towards tackling any adverse situation and finding fruitful solution.
  + Self-motivated individual striving religiously to exceed expectations.
  + Hardworking, result oriented professional with strong leadership skills.
  + Ability to cultivate strong relationship with excellent care and hospitality.
  + Strong interpersonal and communication skills.
  + Ability to work and give the best in pressure situations.
  + Genuine interest in customer satisfaction.
  + Multilingual: Fluent in English, Hindi and Malayalam.

**TECHNICAL PROFICIENCY:**

* Skilled in all aspects of mechanical engineering including research, design, developmentand specification.
* Proven ability to use applied research and problem-solving skills for establishing the root cause of any

Mechanical related failure, as well as heading any investigations.

* + Familiar with compliance requirements within safety and regulatory environments.
  + Assessing project requirements.
  + Agreeing budgets, timescales and specifications with clients and managers.
  + Producing and implementing designs and test procedures.
  + Measuring performance of mechanical components, devices and engines.
  + Testing, evaluating, modifying and re-testing products.
  + Writing reports and documentation.
  + Providing technical advice.
  + Analysing and interpreting data.

**SOFTWARE PROFICIENCY:**

* + AutoCAD, C, C++ and MATLAB software.
  + Abaqus.
  + SolidWorks, Pro/ENGINEER, Ansys and Geometric Dimensioning & Tolerancing.

**PROFESSIONAL CHRONOLOGY:**

**NOORS ENGINEERING WLL, DOHA, QATAR MARCH 2014 – DECEMBER 2016**

**PROJECT ENGINEER: MECHANICAL DIVISION**

Key Work Responsibilities:

* Site Management.
* Act as a corporate and project construction specialist for the insulation techniques applied.
* Evaluate current construction methods and develop opportunities for process improvement.
* Coordinate internally with other execution disciplines and external suppliers both within Company prescribed policies and procedure and direction from the Construction Field Engineering Manager.
* Observes and ensures construction practices as required for compliance of construction operations/execution with federal, state, and local codes, industry standards, company procedures, and contractual requirements.
* Gather approved required documents and information to support the successful completion of relevant construction activities/requirements.
* Review, understand, and evaluate the project specifications, procedures, and relevant portions of the Contract and prepare site and technical reports.
* Promote safe work practices.
* Represent Construction in project meetings.
* Ensures that tests and inspections are performed, witnessed, and documented in accordance with approved procedures.
* Verifies correct installation of mechanical equipment, insulation systems and support.
* *Reason for leaving: Looking for career growth and take up further challenges.*

**SELFIX TECHNOLOGY, SHEFFIELD, UNITED KINGDOM MARCH 2012 – OCTOBER 2013**

**POST GRADUATE INTERN**

Key Work Responsibilities:

* Worked on various projects, attended and reported on international events.
* Development of cheap low-cost compactor machinery for ease of swarf transportation from PVC processing.
* Investigated various wire forms ranging from building/designing new LED torches, picture frames to hand held puzzle games, mood lamps, e-textiles.
* Presented a paper on Composite springs at Institute of Spring Technology, Sheffield, United Kingdom.
* Submitted a journal on Non-Destructive Testing and Repair of Fibre- Reinforced Composites at NETCompsoites, Sheffield, UK.
* Investigated the effects of Flax fibre reinforcement on the fracture toughness behavior of flax/vinyl ester composites
* Recyclability of materials, Metallurgical Investigations, Quality Issues, Failure Investigations and Product Developments.

PROJECTS UNDERTAKEN (2012-2013):

Faculty of Arts, Computing, Engineering & Sciences, Sheffield Hallam University, United Kingdom

Technical Reports submitted:

* Modelling, Analysis & Machining of a Re-usable Container.
* Defects in Composite Manufacturing.
* Finite Element Analysis of a Cracked Body subjected to Tensile Loading.
* Design and Development of a Life tube water filter.
* Case study of a hydraulic system on a large automatic extrusion machine.
* Performed financial and marketing analysis of Rotary Renewables, Sheffield, UK.
* Proposal of maintenance strategies for plant with conveyors/elevators/hoppers, combined mixer and extruder.

OTHER PROJECTS (2007-2011):

Technical Reports submitted:

* Measurement of Pure Tone Hearing Thresholds.
* Use of a Sound level Meter to measure acoustic levels.
* Design Review and Re-design of a Mini Chopper.
* Stillage failure analysis of a 6 ton pressure vessel.
* Mini project: Experimental setup to find out the Effectiveness of a Regenerator.
* Main project: Automotive Leaf Springs from Composite materials.

**ACHIEVEMENTS:**

* Presented paper on ‘Effectiveness of a Regenerator’.
* Presented a paper on ‘SAP applications on Modern Manufacturing’.
* Participated and presented paper on Life tube water filter at International Product Development, 2013 held at Sheffield Hallam University, United Kingdom.

**ACADEMIA:**

**MASTER OF ENGINEERING (ADVANCED MECHANICAL ENGINEERING) - 2013**

Sheffield Hallam University (United Kingdom): *Merit Degree (70%)*

**BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING) - 2011**

Visvesvaraya Technological University (Bengaluru-India): *Merit Degree (75%)*

**CERTIFICATION COURSES:**

**MASTER DIPLOMA PROGRAM (CADD TRAINING SERVICES, TRIVANDRUM, INDIA) Courses Studied:**

SolidWorks, Pro/ENGINEER, Ansys, Geometric Dimensioning & Tolerancing.



**DATE OF BIRTH:** 9th October, 1989.

**REFERENCES:** References shall be provided upon requirement.