**Personal Details**

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To get contact details of this candidates

Submit request through Feedback Link

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**Career Objective**

Masters in Manufacturing Engineering at Swinburne University of Technology –Australia A fast pace learner, dedicated, team player with leadership experience. Capable of working with or without supervision, having excellent communication and interpersonal skills, highly responsive & agile to expertise in very less span of time if exposed to new technology or work experience

**Educational Qualifications**

2011 **Master of Science and Technology**

**(Advanced Manufacturing Technology)** GPA 3.5/4

Swinburne University of Technology, Melbourne, Australia

2009 **Bachelor of Technology**

**(Mechanical Engineering)** GPA 3.5/4

Jawaharlal Nehru Technological University, Hyderabad, India

**Professional Association**

**Engineers Australia certified**

2011 Engineers Australia certified Mechanical Engineer

2009 ISME certified Mechanical Engineer.

**Work Skill Matrix**

|  |  |  |
| --- | --- | --- |
| **SKILL** | **LEVEL** | **EXPERIENCE** |
| Environment:  Windows 7/XP, Windows Server 2003 & 2008 AD environment, Microsoft Exchange 2003 & 2010 and Linux | Understanding | University studies and employment |
| Problem Solving and Analytical | High | University studies and employment and project development. |
| Computer Applications:  MS Office Suite(Word ,Excel ,Outlook) Adobe Photoshop CS, Adobe Premier Pro | High | University Studies and Employment |
| Designing Software:  PROE, AUTOCAD, SOLIDWORKS,ANYS | Intermediate | University studies ,employment and project development |
| Simulation Software: Ansys Workbench, Ansys ,Rapid Prototyping | Intermediate | University studies and project development. |
| Management and Organization Skills | High | Worked as an intern for CITD(India) and Blue scope steels Pvt Ltd(Aus). |
| CPCCOHS1001A - Work Safely in the Construction Industry | Certificate1 | Employment |

**Employment History**

May 2012-Current **Mechanical Project Engineer**

Crane Certification, Brisbane

**Responsibilities:**

Project deals with the design and Analysis of the Sky dinner setup. Design of dinner set up. Which is practically hanged over 50ft from ground using a boom crane.

* Design of Dinner setup structure using Solid works
* Calculating Structural steel analysis.
* Found shear diagrams, bending moment diagrams and trusses for structure.
* Estimation of the steel and other materials involved in the Manufacturing and development of the project.
* Selection of different types of materials for different parts of the setup.
* Handling the project from design to the final manufacturing process.

Oct 2011 – Mar 2012 **Autodesk Draftsperson**

Foster Industry Pvt Ltd, Glenroy,Melbourne

**Responsibilities:**

* Drafted Aluminum channels for windows and glasses meeting the requirement of costumer.
* Made aluminum channel design in Autodesk Inventor 3D modeling.
* Made rough hand sketch of products using magnifying projector.
* Converted the hand sketches to 2D/3D CAD drawing using Autodesk CAD 2010.
* Produced detailed drawings of various products in sectional view.
* Reporting manager applying Australian building codes to drawings produced.
* Suggested any changes for the existing drawings used.
* Developed CAD detail drawings for manufacture, fabrication and assembly

**Major Projects Handled**

Jan 2011 – Jul 2011 **Project Intern**

Blue Scope Steels Pvt Ltd.

**Responsibilities:**

Objective of this project is to do finite element analysis on coil slump and capture deformation characteristics using shear modulus. This project was carried out in collaboration with Blue Scope steels Pvt. Ltd.

* As it is an Industrial project real world problem solving techniques were achieved.
* Best model for simulation was designed using ANSYS
* Exposure of ANSYS tools and industrial experience was gained.

July 2010 – Dec 2010 **Research Assistant**

Department of Nanofabrication SUT

**Responsibilities:**

Main objective of this project is, literature review on the past researches explaining their methodology, applications in design of cranial implants and study of bioreactor and its importance in cranial implants development.

* Best design for the cranial implants was sorted out.
* Familiarity with the type of materials for design of cranial implants was achieved.
* Developed a degree of competency in evaluation of rapid manufacturing and rapid tooling techniques and their applications in modern manufacturing processes.
* Developed competency in plastic filling simulation software to improve the performance of injection molding.
* Attained hands on experience in solving practical problems using CAD/CAM, PRO-E.

Jan 2009 – Jul 2009 **Project Intern**

Central Institute Of Tool Design (India)

**Responsibilities:**

Objective of this project is to accurately model the leaf spring in ANSYS evaluating the ride comfort, braking performance, vibration characteristics and stability.

* Attained certification from the Central institute of tool design a premier institute in Asia.
* Usage of software skills like ANSYS was developed.
* Simulated results for real world problems were achieved.
* Industrial experience of about 3-6 months was gained.

Aug 2008 – Dec 2008 **Project Intern**

Nuclear Fuel Complex (India)

**Responsibilities:**

Objective of project is to develop a CNC code for the manufacturing of suitable die in extrusion press. Study of various CNC and conventional lathe machines.

* Got certification from the major industrial unit in India Nuclear fuel complex for completing the project with positive results.
* Experienced industrial environment for 3-4 months.
* Developed a code for Extrusion die on CNC machines.

**Achievements**

* Adjudged the “Best Team Leader” for final year graduate project “Static and Dynamic analysis of Leaf Spring using ANSYS”.
* Proficient in CAD/CAM/CAE for quality checking in compliance with ISO standards.
* Represented local sports team and a recipient of several academic and excellence awards.