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| SUMIT RAUTHAN | Phone: 9045012063 , 8077388332  Email: sumit21rauthan@gmail.com  Address: 164 Deepnagar Ajabpur Kalan Dehradun |

# Objective

Result-Oriented Mechanical engineer with a hands on approach to tackling projects accomplishing goals. Have 3-4 years of experience in Maintenance and Management of technical Projects. Acquire sound skills in Projects Management, Maintenance, Operations and Material Procurement.

# Skills

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| **Software Skill**   * PRO-E (Creo3.0) (Product Design) * ANSYS14.5 * MS OFFICE 2013 * ZOHO BOOKS & ASAANA * AutoCAD (2000-2015) * Basic Knowledge of GD&T |  | **Soft skills**   * Stress analysis training * Team leadership * FMEA * Manufacturing Process control * Technical direction and product strategies |

# Work Experience

Mechanical engineer – NRVDESIGNX PVT LTD **–HARIDWAR, UTARKHAND** - APR 15 - Present

* Completed various Designing and Automation Project for Bajaj Auto, HUL, Hero MotoCorp, Herbal, Minda, LUMAX.
* Responsible for managing Project execution, Material Procurement, Cost estimation and Invoicing.
* Specified system components and product modification to ensure conformance with engineering design and performance specifications.
* Developed cost estimates, procured equipment and tracked manufacturing process to efficiently complete large scale projects.
* Managed design and manufacturing teams to build proprietary process equipment within cost and time constraints.

MECHANICAL SITE ENGINEER – SCHAFFER ELEVATORS – DEHRADUN, UTTARAKHAND - SEP 13 – FEB 15

* Coordinating with technical teams of different companies.
* Project scheduling and budgeting to successfully and quickly complete projects.
* Investigate equipment failure to diagnose faulty operation and made appropriate maintenance recommendations.
* 3D Modelling & AUTOCAD Drawing.
* Uniquely enable accurate supply chains rather than frictionless technology.

# Education

B.Tech (2009-2013) in Mechanical Engineering from Dehradun Institute of Technology, (Uttarakhand) Affiliated to Uttarakhand Technical University with 70% aggregate.

# Project Handled

• Taping Machine Pokayoke - Hindustan Unilever

• CLD Stamping Mechanism - Hindustan Unilever

• R&D of Starwheel, Guide, Gripper Fingers and Different tools - Hindustan Unilever

• Manufacturing of SPCT Tools - Baja Auto Pvt Ltd

• Bottle Line Automation - Herbal Concepts Pvt Ltd

# Final Year Project

**Cooling by Expansion**

This project involved study of an Air-conditioned System without Compressor using energy of Exhaust Gas, where in a Micro Turbine is powered by pressure energy of exhaust and an Expander is coupled with Turbine, thus leading to expansion of Air and significant reduction in temperature to be used for cooling.

# Extramural Activities

* Organized an Anti-Drug Campaign
* Organized an Traffic Rules Awareness Campaign
* Done workshops on I.C. Engine
* Member of DIT team in a Play held at Antaragni IIT, Kanpur
* Regular Blood Donor

# Hobbies

* Socializing
* Travelling
* Music – Playing, Listening
* Sports