**SUMIT RAUTHAN E-mail: sumit21rauthan@gmail.com**

**(MECHANICAL ENGINEER)**  **Contact No: +91-9045012063**

 **+91-8077388332**

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| **JOB OBJECTIVE**   |   |

Seeking entry level assignments in Research & Development and Design Engineering with an organization of repute in Production/Manufacturing/ Mechanical Engineering Sectors

# PROFILE SUMMARY

* Acquired sound skills in Designing and efficient in performing 2D & 3D Structural analysis
* Proficient at grasping new technical concepts quickly and utilizing the same productively
* Comprehensive knowledge in Manufacturing Technology and Engineering materials
* An effective communicator, adaptable and a quick learner

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| **WORK EXPERIENCE** |   |

* Currently Working as Project Manager in NRV DESIGNX since April 2015. Design various tools and completed various Designing and Automation Projects for Bajaj Auto ltd, Hindustan Unilever, Hero MotoCorp, Herbal Concepts, Lumax pvt ltd, Minda corp ltd.
* Work as Mechanical Engineer for a period of 1yr and 6 months at Shaffer Elevators (September 2013 to February 2015).

#  JOB RESPONSIBILITIES

* Managing of various industrial projects from start to execution.
* Coordinating with the technical team of different companies.
* Office Management
* Responsible for managing Material Procurement, Quotation & Invoicing process.
* 3D Modelling & Manufacturing, AutoCAD Drawing, Training

# 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

# INDUSTRIAL TRAINING

* Five week industrial visit to NTPC, Badarpur.
* Five weeks training at BHEL, Haridwar.
* Three week visit to Metro Workshop, Yamuna Bank, New Delhi.

#  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

# ACADEMICS QUALIFICATION

 B.Tech (2013) in Mechanical Engineering from Dehradun Institute Of

 Technology, (Uttarakhand) Affiliated to Uttarakhand Technical University with 70%.

# SOFTWARE SKILLS

* PRO-E (Creo3.0) (Product Design)
* PLC Programming
* ANSYS14.5 with APDL & WORKBENCH
* AutoCAD (2000-2015)
* Basic Knowledge of GD&T

# TECHNICAL SKILLS

* Lathe & Milling Machining Process
* PLC Programs for various Industrial Automation Projects
* Part Designing, Sheet metal Modelling, Analyzing Assemblies, CNC Programming  Performing structural and thermal analysis

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|   | **EXTRAMURAL ACTIVITY**   |

* 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

# PERSONAL PROFILE

Date of Birth : 21th September 1990

Father Name : Pratap Singh Rauthan

Marital Status : Unmarried

Language Known : English, Hindi

Address : 164 Deepnagar Ajabpur kalan Dehradun Uttrakhand