

VINOD KUMAR

Design Er.(Creo3.0/Autocad)

B.Tech. (Mechanical engineering)

Mob: +91-9467650934

Email ID: yk01402@gmail.com

CAREER OBJECTIVE

Aim to achieve the target and developing the best performances by utilize my technical analytical skills in the organization. I would like to implement my innovative ideas, design skills and creativity for accomplishing the projects on time.

SUMMARY

As a person I am reliable well organized and used to work on my own initiative, I am able to prioritize my workload and I am comfortable on my own or as a part of team. I have a very good and positive learning attitude. Good communication skills and team working skills as well as also able to lead a team.

SKILLS

- Create new product design by Pro-E, Creo 3.0/2.0, Auto CAD , reverse engineering.
- Good in Reverse Engineering, project planning and executing to meet the customers deadline.
- Creation of manufacturing drawings based on old reference drawings/or from STEP files for model parts and sub-assemblies, and detailed design to all models and 2D drawings.

PRESENT COMPANY

➤ **SALUJA CAD CONSULTANCY (15 MAY 2017-Till Date)**

Saluja CAD is an ISO certified providing the solution for CAD/CAM/CAE, High quality design & development activities related to product design, die & mould design, jigs & fixtures design, building, architectural, civil design, HVAC design, fire fighting, layouts, rail drawings.

Currently my site location for the same is **CARRIER REF. & AIRCOND. LTD, GURGAON.**

Here I am responsible for all the design and product development activities.

Carrier is the world's leader in high technology heating, air-conditioning and refrigeration solutions.

Carrier experts provide sustainable solutions, integrating energy efficient products, building controls, and energy services for residential, commercial, retail, and transport and food service customers.

JOB PROFILE:

- Design and Development of Sheet metal, Piping & Plastic components with CAD tool Creo 3.0 .
- Conceptual design and feasibility study of HVAC system.
- Working on **Chiller** condenser/evaporator coil and tubing routings.
- Work on **Chiller** air cooled condenser coil.
- Engineering & Re-engineering of HVAC product.
- Generation of 3D models of **Chiller**, assembly & drawing with BOM.
- Working on commercial air-conditioner,chillers with team.
- Coordination with manufacturing team.

PROJECT DONE:

- A. Work on **30KA-KAV** Series AIR Cooled Chiller .
- B. Works on **MCS 30ka0900**
- C. Works on Sprinkling of water on Cooling Pads to increase efficiency of AIR Cooled Chiller.

PREVIOUS WORK EXPERIENCE

➤ HAVELLS INDIA PRIVATE LIMITED

Worked as Engineer (Domestic Product Division in CRI) in Havells India Private Limited from May-2016 to May-2017.

Havells India Pvt. Ltd. is one of the largest electrical equipment companies in India, the company has products ranging from home & kitchen appliances, lighting for domestic, commercial and industrial application, LED lighting, fans, modular switches & wiring accessories, industrial & domestic circuit protection switchgear.

JOB PROFILE:

- Proficient at Creo 2.0 Part modeling, Assembly, Detailing/drafting, Sectioning with exposure to design by using Top-down approach & bottom up, Assembly of system, sub-system.
- Communicating with Seniors for development, testing and modification of prototype sample to ensure zero error in product quality and utilization.
- Preparation First Part Inspection Report (FPIR) with the help defined program in VMM Machine.
- Familiar with APQP, PPAP.
- Knowledge of GD&T, 5S.
- Making Report on concept Design, Benchmarking, Documentation like DFMEA, Project Plan, concept modelling, BCP, Design inputs, Product mounting details, Tolerance Analysis in New Product Development.
- Good knowledge in Concept design, eliminating the interference, detailed design, reverse engineering, benchmarking, first part inspection report (FPIR).

PROJECT DONE:

- A. MCB S8 Series Euro II circuit breaker.
- B. New Design cost Effective MCB of Euro Breaker
- C. MCB 125 AMPERE

➤ SALUJA CAD CONSULTANCY, GURUGRAM

1 year 10 months design experience from July- 2014 to May- 2016.

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JOB PROFILE

- Developing 3D models and 2D drawings of moderate complexity using Creo3.0. & Autocad.
- Proficient in managing design process involving design & development, co-ordination with internal departments.
- Good in Reverse Engineering, project planning and executing to meet the customers deadline.
- Creation of manufacturing drawings based on old reference drawings/or from STEP files for piece parts and sub-assemblies, and detailed design to all models and 2D drawings.

TRANING

- Six months **VOCATIONAL TRANING** in **HMT Ltd. PINJORE**(Haryana) unit from 09-01-2014 to 02-07-2014.
- Project on assembly of CNC machine during vocational training in HMTLtd. Pinjore.
- 6 weeks industrial training in ALLENA AUTO INDUSTRIES (P) Ltd. PhaseVII Mohali(Pb) from 18-05-2012to 28-06-2012
- Job profile was to Monitor, analyze and track all parameters in CNC Division.

CERTIFICATIONS

- Design software CREO-2.0 & 3.0 from PTC.
- Drafting Software AUTOCAD from CADD CENTRE.
- Design software CATIA-V5 from Delhi Institute of Tool Engineering.
- Certificate course in CNC Programming & Operations from Delhi Institute of Tool Engineering

ACADEMIC QUALIFICATION

- Bachelor of Technology in Mechanical Engineering (2010-2014) from Punjab Technical University, Jalandhar.
- **GATE 2014** Qualified.
- Senior Secondary (2008) from K.V Pathankot, CBSE
- Matriculation (2006) from, K.V Pathankot, CBSE.

PERSONAL PROFILE

Father's Name : Raghbir Singh
Date of Birth : June30, 1990
Permanent Address : Vpo-Ahar,Teh –Israna, Disst.-Panipat
HARYANA
Email Id : vk01402@gmail.com

DECLARTION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date :

Place :