**MANJEET KUMAR**

Mobile + 91-9467385818 Email: vatsms.ms@gmail.com

**CAD Engineer (Signaling Design)** With **3 .9 years (Total Experience-8.6 years)**

qualitative experience in Indian Rail Signaling.

**OBJECTIVE**

To seek a meaningful career in a dynamic and professionally managed organization. Looking forward for a position where I can meaningfully contribute to the organization.

**CAREER GRAPH**

**Sept. 2015 – Till Date– CAD Designer (S&T)– Kalindee Rail Nirman (A division of Texmaco Rail & Engg. Ltd). Delhi-110007.**

 Kalindee Rail Nirman (A Division of Texmaco Rail &Engineering Ltd). Popularly

 known as “KALINDEE” today Stand as Premier and Trusted agency in execution of

 Railway Track Signaling & Telecommunication projects on turnkey basis. It has rich

 and varied experience of More than three decades

 **Key Responsibilities & Work Experience: -**

* Team discussion before starting the work on new project.
* Production of coordination with site engineer for updating of day to day activities and directly report to manager.
* Independent designing after reading all inputs & raising queries to client for proper input & information.
* Design & Drafting of Signalling Interlocking Plan & Control Table.
* Production of outdoor design of station such as Cable core plan, Signal Interlocking Plan, Cable route plan, location details of stations of various railway zones.
* Production of customer coordination and taking approval on both outdoor and indoor drawing.
* Production of indoor interface design.
* Production of designing of as built circuit and tracing copy for final submission of design to railways.
* Designing & Drafting Track Bonding Plan, Cable Route Plan & Cable Core Plan.

**Projects worked on:-**

* STP-MLN RVNL Project
* SZA -Palanpur RVNL Project
* Sonipat-dhola mazra Nothern railway projects
* Jhansi-Bhimsen RVNL Project
* Saddasinghwala-TSPL Northern Railway Project
* PANIPAT-KHUKRANA Northern Railway Project
* DFCC Bidding reference designs
* Haldia Port RVNL Project

**Design Skills:-**

* Design of signaling design based on Route Relay interlocking, Panel interlocking, Electronic interlocking.
* Got Training on signaling overview & designing by Kalindee Rail Nirman

 (A Division of Texmaco Rail & Engineering Ltd.)

 **April, 2013–to July. 2015 -Design Engineer(R&D)**

 **Servotech Power System Pvt. Ltd.(New Dehli)**

**Servotech Power System Pvt. Ltd.** is a 9001-2000 certified Company.

We have built up our production facilities, at Parwanoo in Himachal

Pradesh (INDIA) for serving markets all over India. Our production set

up includes Manufacturing of Inverters, UPS, Servo stabilizer,

SVR, Charger & LED lights etc.

Our manufacturing facility is systematically planned and built to

Modern construction standards. Equipped with sophisticated assembly

Lines and are backed by completely integrated in-house R&D Centers

**Key Responsibilities**

Conceptual Design of New Product, 3D modeling, create drawing from 3D -model, Design release for Tooling, ECN Controlling during Development & Production stage, Prepare some documents for new product development.

* Making the part & assembly 2D drawings for sheet metal.
* Electrical HT ,LT Pannel Design &Devlopment.
* Understanding of Sheet Metal fabrication techniques such as Punching, Bending, and Powder Coating etc.
* Product Design & Development (Sheet Metal & Aluminum Components.)
* Raw material Calculation & planning for the month.
* Making report an all components. (BOQ.BOM) with excel.
* To attend Design review meeting with the Deptts.
* Project Planning with Electrical & Mechanical.i.e.: - power Sub Station, Impulse RF shielding Room etc.
* Responsible for Design and Development activities for Automotive- precision
* Parts, Die, Sheet metal parts, Machined Parts.
* Project Planning with Civil & Mechanical Project like Solar Plant. Street light Project
* Civil & Architecture Drafting &Detailing with auto cad 2006 to 2013 version.
* Technical conversation with Suppliers for NPD.
* We have Understand Machine Process like (Amada Punching, Bending)

(Welding, Grinding, Powder coating.)

**Dec. 2010 to March 2013- Junior Engineer (Design &Dev.) –Global Precision Pvt. Ltd**.

**Global Precision Pvt. Ltd** *is ISO* **9001:2008**“*certified manufacturing unit*”.*An Auto component manufacturing unit which does manufacturing for their Aluminium components within 5 microns tolerance using HURCO make CNC (bed size up to 1600 x 900mm) and Turn-mill machines (5 axis) and for quality control they have CMM (Zeiss) and Profile projector.*

**Key Responsibilities: -**

* Assigned with the task of introducing “5S Principles” in design department.
* Solving problems in the **shop floor** by working closely with production people involved in fabrication, machining, assembly and testing areas.
* Preparing and checking GA, Detail, Fabrication drawings etc.
* Assigned with the responsibilities of creating the Dimensional Drawings, Main Assembly Drawing, Part Drawings and the complete Bill of Materials
* Responsible for analysing the incoming enquires from sales department, and preparing accurate General Arrangement and Layout Drawings
* 3D Solid Modelling (Solid, Sheet Metal) on Solid Works 2011-12.
* Understanding of Sheet Metal fabrication techniques such as Punching, Bending, and Powder Coating etc.
* Development of sample lot.
* Knowledge of GD &T.

**EDUCATIONAL QUALIFICATION**

* **Diploma (Mechanical Engineering)** from **Govt. Polytechnic Sonipat**, Approved from **HSBTE**, Haryana in year 2010.
* **I.T.I (T / Mechanics)** in year 2006). **Govt. ITI Hisar (Haryana)**

**PERSONAL SKILLS**

* Positive Attitude.
* leadership qualities
* Self-motivated.

**SOFTWARE SKILLS**

* AutoCAD all versions
* Solid works,
* Co-create 3d Software,
* Smart-Sketch
* Corel-DRAW
* MS Office (excel, word etc.)

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**PERSONAL PROFILE**

 Father’s Name Sh. Pushkar Dutt

 Date of Birth 10.01.1990

 Language Known English, Hindi

 Marital Status Married

 Permanent

 Address: - V.P.O. Sorkhi

 Distt.-Hisar (125033)

 Haryana.

**Declaration**

* 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.

**Place:**

**Date: (Manjeet Kumar)**