

ANKIT PRAJAPATI

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prajapatiankit064@gmail.com

Career Objective

I wish to be a part of an organization, wherein I can add on to my knowledge based on multiple fields, and use it for the benefit of both.

Brief Overview

- A competent professional with over 5+ Years of experience in high profile industries I have worked with acquired proficiency in Designing & Development of automobile parts and chassis Design, development & Heavy fabrication of heavy automobile self propelled modular hydraulic trailer, electric Power pack unit. Production of sheet metal fabrication in different field like modular trailer , kamag k25 , power pack,
- Knowledge of designing different component of automobile & engine mounting, auto-rickshaw chassis.
- Knowledge of Design Software like **AutoCAD, Solid works, catia, Creo parametric, Nanocad , SALSA (for load calculation)**
- Knowledge of design and development technical documentation i.e. **Part code generation ,BOM ,FMEA,PPAP,APQP,5S** etc.
- Working on design & fabrication of heat exchanger, enclosure design .
- Knowledge of designing welding fixture, & implementation,
- Knowledge of Welding symbol & their application & Dimensional tolerance & GD&T,
- Working on solidwork weldment & framework design.
- Knowledge of design routing as per schematics.
- Currently working on hydraulic & pneumatic routing & chassis of heavy SPMT TRAILER & PPU.

Professional Experience

1 - TII SCHEUERLE: (TII INDIA PVT. LTD)

Designation:

Senior Mechanical Design Engineer,

Department: Design, R&D (Engineering)

Period: September 2021 to till present.

It is a manufacture of SPMT: SELF PROPELLED MODULAR TRAILER, Modular vehicles, transporters, power pack unit Slag pot carrier, k25 3axle line , 6axle line , gooseneck live.

Responsibilities

- **Working on 3D MODEL of vehicle. Chassis design , vehicle frame .**
- **Design Hydraulic routing & pneumatic routing .**
- **Working on 3D modeling of SPMT & PPU _Z19 Z180 assembly.**
- **Drawing Preparation**
Preparing Drawings, GA Drawing 3D modeling , Concept design as per customer requirments & Assembly.
- **Welding Inspection**
Load calculation of trailer , selection of hydraulic hose and tubes, working in hydraulic and pneumatic routing as per german schematics, hydraulic circuit design of hydraulic modular trailer.
- Preparation of BOM,
- Machining & sheet metal parts design & selection of bend radius as per material & as per bending angle.
- Selection of material as per requirement.
- Day to day quality problems troubleshooting.

Project: MD TRAILER, UHD TRAILER, HD TRAILER, FLAT DECK, EXCAVATOR DECK **etc.**

2 - J.S. Auto Pvt. LTD``

Designation: Mechanical Design Engineer

Period : July2018 - August 2021.

It is a manufacturer of three wheeler auto rickshaw.

Responsibilities:

- Fabrication of chassis of e-rickshaw, auto rickshaw
- Working on installation drawing & ASSEMBLY drawings
- **Drawing Preparation**
Preparing Layout Drawing, 3D DRAWING ,VEHICLE DMU drawing in AutoCAD.
- ECN/ECR,
Preparing the Technical documents and maintain Engineering Change Notice/Engineering ChangRequest and ensuring the implementation in final product.

Project

- Front Diesel & CNG Three Wheeler
- Rear Diesel & CNG Three wheeler
- E-rickshaw loader
- E-rickshaw passenger

Education

- Bachelor of Technology in Mechanical Engineering from Dr. A.P.J. Abdul Kalam Technical University during july 2014 to June 2018 with 70%.
- High school from UP BOARD, in 2012 with 74%.
- Intermediate from UP BOARD, in 2014 with 81%.

Training Attended

- Attended training in AutoCAD, SOLID WORKS, CREO .

Personal Details

Father's Name : Sh. RAJA RAM PRAJAPATI
Mother's Name : Smt. GUDDI DEVI
Date of Birth : 9 April 1997
Sex : Male
Marital Status : Unmarried
Nationality : Indian
Hobbies : Traveling new places, Listening Music
Permanent Address : EWS 1229/1550 RATANPUR COLONY PANKI KANPUR, UP

Date :

Place : KANPUR

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