**CURICULUM VITAE**

**AMAN R. SINGH**

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**CAREER OBJECTIVES**

Seeking for a career opportunity in mechanical field to utilize my mechanical trainings and skills and provide significant contribution to success of my employer effectively and willingness to work hard in a challenging environment with a purpose of growth, knowledge in order to achieve organizational goals.

**WORK EXPERIENCE**

**1) Case New Holland Tractor (CNH) India Pvt Ltd Noida :-**

**Design and product Development Engineer :-**

Currently working in New Holland Tractors india pvt ltd from November 2018.

**ROLE**

**Ongoing Project :- 56 Series Migration project**

* Responsible for overall assembly of tractor.
* Responsible for Heavy large assemblies of Transmission, gearbox, master clutch housing, Enginee, Axle, Canopy, fenders etc…
* Working on Teamcentre and Enovia software.
* Assembling and uploading groups on Teamcentre and Releasing activities of groups.
* Part Design, Sheet metal, Assembly Design.
* Responsible for solid modelling and 2-D drawing creation & extraction utilizing Unigraphics.
* Design of new components and assemblies according to specifications, casting and welding parts (casting and machined parts).
* Creating 3-D CAD models & 2-D Drawings for individual components and assemblies in UG.
* Responsible for the layout and detailed mechanical design and documentation of individual parts and Assemblies

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**2) Designtech systems pvt ltd (pune)**

Design Engineer:-

worked in Designtech systems ltd as a Design Engineer on Unigraphics and creo software on different projects of Automotible companies. (From june 2018 to sept 2018)

**ROLE**

* Part Design, Sheet metal, Assembly Design.
* Responsible for solid modelling and 2-D drawing creation & extraction utilizing Unigraphics.
* Design of new components and assemblies according to specifications, casting and welding parts
* (casting and machined parts).
* Creating 3-D CAD models & 2-D Drawings for individual components and assemblies in UG.
* Responsible for the layout and detailed mechanical design and documentation of individual parts and assemblies.

**3)MAHINDRA & MAHINDRA FARM EQUIPMENT SECTOR**

DESIGN and PRODUCTION Engineer:-

Having experience of supervisor trainee in transmission department of **MAHINDRA AND MAHINDRA LTD FARM EQUIPMENT SECTOR** for 21 Months.

**ROLE**

* Worked on various types of OIB (Oil Immersed break) breaks in transmission.
* Knowledge of types of OIB breaks mounting on tractors.
* Knowledge of PTO shaft retainer in transmission.
* Different brake paddles mounting on various types of Tractors.
* Rear axles mounting on different transmission case
* Fixing of different sizes of spur gears with the teethes on gears and making it properly aligned so that backlash problem could not arise.
* Different break shoes and plates used in break mounting on Transmission case.
* Loading and unloading of transmission case on production line.
* Manpower handling on production line and responsible for smooth production flow.
* Arrangement of materials on time which is used for production line without any delay because it can cause production loss.
* Maintaining 6S and cleanliness on production floor.
* Making improvements & Kaizens if required for good production on lines.
* Mounting breaks of tractors like Arjun, bhoomiputra etc
* .Part Design, Sheet metal, Assembly Design.
* **D**esign of new components and assemblies according to specifications, casting and welding parts
* Creating 3-D CAD models & 2-D Drawings for individual components and assemblies in UG.

**SKILL SETS**

TECHNICAL TOOLS**:-** UNIGRAPHICS(UG NX) and CREO SOFTWARE

TECHNICAL SKILLS**:-**

* Surface Design, Part Design, Sheet metal, Assembly Design, Drafting.
* Responsible for solid modelling and 2-D drawing creation & extraction utilizing creo and UG.
* Design of new components and assemblies according to specifications, casting and welding parts
* (sheet metal and fabricated parts).
* Creating 3-D CAD models & 2-D Drawings for individual components and assemblies in creo and UG.
* Responsible for the layout and detailed mechanical design and documentation of individual parts and assemblies
* Preparation of BOM's, assembly drawings and assembly procedures as needed. An understanding of BOM structures.

REPORTING/PRESENTATION TOOLS:-MICROSOFT EXCEL, WORD, POWER POINT.

**SCHOLASTICS**

* **Mechanical Engineering** from G.H. RaisoniAcademy of Engineering and technology, Nagpur in 2015 with 57.33%
* Diploma in Mechanical Engineering from G.H. Raisoni Polytechnic in 2010 with 60%
* **S.S.C.** from Maharashtra State Board in 2005 with 66%.

**TECHNICAL SKILLS**

* Transmission
* Hydraulic Brakes

**PERSONAL KEY STRENGTHS**

* Hard Working.
* Discipline.
* Positive Attitude.
* Good Communication Skill.

**PERSONAL DETAILS**

**Name :** Aman R. Singh

**Date of Birth :** 1st December 1989

**Address :** Flat No-207, Godavari Apartment, Shree Nagar, Ring Road, Nagpur

**Gender :** Male

**Marital Status :** Single

**Languages Known** **:**  English, Marathi and Hindi

**DECLARATION**

I hereby declare that the particulars given herein are true to the best of my knowledge.

**Place: Nagpur**

**Date: (Aman Singh)**