**RESUME**

**AJAY KUMAR DHYANI**

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**CAREER OBJECTIVE:**

Looking for a challenging career in BIW fixture design which demands the best of my abilities in terms of technical and analytical skills, and helps me in broadening and enhancing my skills and knowledge.

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**KEY SKILLS**

Have sound knowledge of BIW welding fixtures, Press tools and checking gauges.

Have worked on sketcher, part design, assembly & surface design on CATIAV5, AUTOCAD.

Design and detailing of Welding Fixtures, Press Tools, Checking Gauges, GA drawing, fabrication of bases, weld assemblies, preparation of hole tables, bill of materials, gascut profiles Preparation of assembly sequence and process sheets.

Software known- CATIA, AUTOCAD and FIDES.

**WORK EXPERIENCE**

**Currently Working as design engineer with ENCO Engineers Combine Pvt Ltd from 15 Nov 2015 to present date. (7.5 months)**

* Design of Jigs, Welding Fixtures (Manual and Robotic), and Hand Tools (for welding on spot welding machines).
* Design of Press Tools- Forming, Bending, Blanking, Punching, CAM Punching, Flaring, Restriking, Notching tools etc for parts of companies like MSIL, TOKAI Rubber, Continental Automotive etc.
* Preparation of CNC CAD data for punch and dies of tools having complex profiles.
* Design of checking gauges for child parts (Panel Checkers), and Assembly Gauges (post welding of child parts) received after production.
* Preparation of surfaces for simulation on CATIA V5 R21 for draw tools and parts under development. Modification of surfaces for simulation. Preparation of punch and die surfaces for simulation.

**Worked as Design Engineer with Innovative Engineers, MIDC, Pune from 5/10/13 to 12/10/14 (1 year.)**

Detailing of BIW Welding and Checking Fixtures part detailing, GA , fabrication drawings of

bases, weldments, hole tables

Worked on various standards like Maruti Suzuki, TML, BMW, Eicher

Designed windshield wiper setting fixture for Volkswagen.

Design of trolley for carrying automobile parts like crankshaft, turbocharger, body panels for Volkswagen, fiat.

**Onsite work experience (from Innovative Engineers)**

Client: Dran Classic Automation Ltd.(duration 3 months)

Project description: Eicher Polaris Project (design and detailing)

Client: Onward Technologies Limited. (Duration 8 months)

Project description: Jaguar Land Rover Limited (detailing),

Tata Motors Limited (detailing), MAGNA-BMW (3d finish and detailing), Volkswagen (detailing)

2 months experience on FIDES version 6.2 for Ford project

Detailing of grippers and welding fixtures.

Client: Varad Consultancy Services (duration 1.5 months)

Project description: Eicher Motors Ltd (design and detailing), Maruti Suzuki India Ltd (detailing)

**EDUCATIONAL QUALIFICATIONS**

B.E in mechanical engineering from pune university 2013 63%

HSC from army school Jodhpur 2008 76%

SSC from army school Jodhpur 2006 87%

**Courses completed:**

1. Course name:- **AUTOCAD from IDTR M.S.M.E Jamshedpur, Jharkhand**

Description: - drawing and modeling(duration 15 days)

1. Course name: - **CATIA from CITD M.S.M.E Hyderabad.**

Description: - Designing and surface modeling(duration 30 days)

1. Training: - In plant Training from **Patratu Thermal Power Station** Patratu,

Jharkhand (duration 15 days)

**HOBBIES AND INTEREST:**

Reading Books & Playing P.C Games

Playing Table Tennis

**STRENGTHS:**

Positive and learning attitude, hard working

Self reliant, organized, .Team handling

Good communication skills

**PERSONAL DETAILS:**

Birth Date  12-01-1991

Father’s Name Dinesh Chandra Dhyani(Retd army personnel)

Marital Status  Single

Sex Male

Permanent Address WZ 655A, St No. 18F, Sadh Nagar, Palam New Delhi- 110045

Correspondence Address WZ 655A, St No. 18F, Sadh Nagar, Palam New Delhi- 110045

**Date: *AJAY KUMAR DHYANI***

**Place: New Delhi**