

## AJAY GANESH GAWAI

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### Summary:

- Graduate Mechanical Engineer having specialization in Product & Tool Design of Sheet Metal & Casting.
- Tools Design using software tools like CREO, CATIA, AutoCAD, Solid works, NX 10.
- Prior 0.5 Year as PG Intern at India's leading Tool Room Indo German Tool Room (IGTR).
- Good knowledge of Materials, Processes & Tooling for Sheet Metal, Casting & Plastics.
- Good ability in reading Engineering Drawings with GD&T.

### Work experience:-

**Organization : Chassis Brakes International (Erstwhile Bosch Chassis System)**  
**(Foundation Brakes Manufacturing Ltd., Pune)**

Designation : Design Engineer

Duration : Sep'17 to Till date.

**Chassis Brakes International** is one of the worldwide market leader for foundation brake components, systems and services. The company develops and produces innovative brake systems for the global automotive industry.

#### Job Profile:

- Leading technical interface in the project, internally and towards the customer.
- 3D modeling of Automotive Disc Brake parts, 2D Drawing Preparation, application oriented use of assembly using CATIA V5R20 or UG NX-10.
- Disc Brake Stack up calculations.
- Preparing design documents like Engineering Change Request (ECR) , New Part Release(NPR) , Customer Drawing Release Format(CDRF).
- To create BOM (Bill of Material) in SAP, TEAMCENTER, EDMA,

**Project :- Mahindra XUV 500 Disc Brake(Front)**

:- Handling Carrier design.

:- Stack up calculations as per customer needs.

**Organization : Indo German Tool Room, Pune.**

Designation : Design Engineer

Duration : Jan'16 to Aug'17.

Indo German Tool Room an ISO 9001 Company is a joint efforts of Govt. of India, Govt. of Federal republic of Germany and Govt. of Maharashtra. IGTR is leading Designing & Mfg. of Moulds, Press Tools, Die casting Dies, Jigs & Fixtures and Gauges conforming to the international standards. Latest CAD/CAM software's & sophisticated machines are used for solid modelling, surface modelling, CNC machining & Analysis for product development & Reverse engineering.

### Projects handled at IGTR AS a Team Member, Aurangabad:-

- Tool: DCD                      Component: Engine Casing  
Specification: Two cavity die, Pneumatic Ejection, Pin Ejection.
- Tool: DCD                      Component: Shock absorber Casing  
Specification: Two cavity die, Pneumatic Ejection, Side core incorporated, Pin Ejection

- Tool: Press Tool  
Component: Fitting Clips  
Specification: Progressive Tool, Bending, piercing, Blanking operations.

### **Educational Qualification:**

Particular	University/Board	Year Of Passing	Percentage(%)
PGDTD & CC	IGTR PUNE	2015	70.18
B.E. (MECH)	Amravati	2014	66.34
H.S.C.	Amravati	2010	67.33
S.S.C.	Amravati	2008	81.69

### **Areas of Expertise:-**

CAD software:- CREO, CATIA V5R19, UG NX 10, SOLIDWORKS, AUTOCAD, SAP.  
Microsoft:- MS Word, MS Power Point, MS Excel.

### **Curriculum Project:-**

- **Design and Fabrication of self-powered Automated vehicle.**

Description:-

The project is of material handling. It runs without an external power supply. It works on Compression Spring and Rack and Pinion mechanism.

### **Personal Details:-**

Date of Birth : 05 May 1992.  
Marital Status : Single.  
Nationality : Indian.  
Languages known : English, Marathi and Hindi.

### **Declaration:-**

I hereby declare that the particulars in this resume are correct to the best of my knowledge.

Date: / /

Yours Sincerely

Place:

Ajay G. Gawai