# Curriculum Vitae

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# OBJECTIVE

As a hardworking person, I look forward to reach an eminence by exploring my knowledge and skills to contribute efficiently towards the organization that offers good professional growth.

# WORK EXPERIENCE

**Technical Experience Summary**

* 4 + years of experience in Automotive Plastic, sheet metal components using CATIAV5
* Concept design, development & RPT considering functional, packaging, tooling, manufacturing & process feasibility, DFMEA.
* Ability to create read and interpret Engineering Drawings with GD&T
* Weight cost constraints while preparing project design.
* Feasibility study and design check report creation.
* Confirm compliance with design standards and considerations.
* Design finalization - Review internally then with customer and supplier, implementing changes whenever there is possible failure as per Calculation Team (CAE & CFD)

# Sogefi Engine Systems Pvt. Ltd.

**Designation:** Sr. Design Engineer **Duration:** Since May 2022 to till date. **Department**: Research & Development

Sogefi designs, develops and manufactures Air intake systems, thermostat, water pump, Air intake manifold, cylinder cover head, Oil strainer for leading automobiles of India & Europe.

## Responsibilities

* To prepare 3D and 2D models as per Customer requirement and considering functional, packaging, tooling, manufacturing & process feasibility.
* Stack up, Gasket Calculation, IMDS, D-Code creation, DMU, BOM, e-BOM, AGES BOM
* Concept Design creation of plastic products as per Sogefi standards and customer requirements and surrounding data.

**Projects Handled**: S215- Gasoline clean side duct for **XUV300**, 1.5L NA Gasoline CCH **Tata Sierra**, Resonator for BS6.2 **M&M Thar**, Battery cooling plate - **JBM** and CAD support on 3D15 AIM+AD+WD M&M, Ford panther WIA, Water pump and also Vibration and pressure drop fixtures of Air intake systems.

# Elofic Industries Ltd.

**Designation:** Sr. Engineer – Design

**Duration:** Since November 2019 to April 2022

**Department**: Engineering

Elofic is a leading Manufacturer & Exporter of Automotive filters as well as Industrial filers.

## Responsibilities

* Designing various types of Automotive and industrial filters including Oil, Fuel, Spin-on, Air Filter.
* Plan, Conceptualize and create mechanical designs for new products, Proto sample development
* Responsible for distribution and maintaining drawings, ECN, and various Documents.
* Design of products consisting of components drawings, sub assembly and assembly drawing.

## Customers handled:

**Brakes India Pvt. Ltd**. (Air intake), **MG Motors/Hector/Gloster/Astor (**Air intake**)**

# Gripwel Fastners Pvt. Ltd.

A Unit of Uniparts India Pvt. Ltd

**Designation:** Engineer (Product & Process Design) **Duration:** Since April 2019 to October 2019 **Department**: Product Engineering and Design

Uniparts India is an Indian based global manufacturer of engineered systems and solutions.

## Customers: McHugh, John Deere, ACE, Kubota

**Responsibilities**

* Created three dimensional models, assembly model and drawing of the components.
* Collaborated with the assistant Manager to review for design optimization or any issues.
* To verify the assembly feasibility by technical reviews and meetings.

**CAD TOOLS**

* CATIA V5R19-32, Cero 7.0, ZWCAD 2019

**SUMMER TRAININGS**

Role : Trainee

Organisation : B.H.E.L, Haridwar, Uttarakhand Duration : 1stJuly 2015 to 30thJuly 2015

**ACADEMIA:**

* Bachelor of Technology (Mechanical) from Sharda University in year 2016 with First Division.
* Intermediate from Central Hindu School, Gorakhpur, U.P. in year 2012 with First Division.
* High School from Central Hindu School, Gorakhpur, U.P. in year 2010 with First Division.

**PERSONAL DETAILS:**

**Date of Birth** : December 2, 1995

**Language Proficiency**: English, Hindi, Bhojpuri German (A2)

**Interests** : Reading, Driving, Listening to music.

**Declaration:**

I hereby declare that all the personal details written above are to the best of my knowledge and belief.

**Amrendra Singh**