

Govind A. Somwanshi

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Career Objective- Seeking assignments in the domain of Mechanical Engineering with a growth oriented organization of repute preferably anywhere in India.

PROFESSIONAL SUMMARY

I have got 8 years 10 months of work experience in design department. Solid works, solid edge , creo, nx-cad, solid work, auto-cad, Inventor, Ansys, MEP, proficiency of this software

- **Diploma in Engineering (Automobile)** from Govt. Polytechnic College, Washim Maharashtra.
- Short Term Training on Injection Moulding in **Central Institute of Plastics Engineering and Technology, Aurangabad.**
- **Certified** Course as a Design professional in **Solidworks, Creo, Unigraphics, Solid Edge, Ansys, Hyper-mesh, Autocad, Nx-CAM.**
- Successfully completed Academic Project **Automatic speed control of vehicle in pedestrian zone.**
- Software knowledge for **Solid works, solid Edge, Creo, Unigraphics, Inventor Catia, Ansys, Hyper mesh, Auto-cad,**
- Technical concepts of Press Tools, Plastic Molding, Die Casting Dies, various manufacturing processes, Jigs and Fixtures, Gauges, Materials and Heat Treatments, Machine Tools including CNC, VMC machines, Conventional Machines, Material Handling Equipments etc.

PROFESSIONAL EXPERIENCE

1) VAIBHAV INDUSTRIES, LATUR, MAHARASHTRA. (Dec 20022 to till date)

Sr. Design engineers.

Turn keys of Sugar Industries , jaggery powder, Ethanol Distilleries, Veg Oil, Pulses Processing, Boilers, Power Projects.

- 1) **CEMENT INDUSTRY :-** 1) Cement mill. 2) vertical roller mill. 3) Clinker crusher. 4) Grinder. 5) Rotary Kiln Drive.
- 2) **SUGAR INDUSTRY :-** 1) Head stock, 2) Sugar mill. 3) PAN Circulator 4) Fibrizer 5) IRC (Intake Rack carrier 6) GRPF (Grooved roller Pressure Feeder. 7) TRPF (Toothed roller Pressure Feeder.
- 3) **MATERIAL HANDLING INDUSTRY :-** 1) Crane. 2) Stacker & Reclaimer. 3) Belt Conveyor. 4) Bucket Conveyor. 5) Apron Feeder.
- 4) **PAPER INDUSTRY :-** 1) Paper Dryer. 2) Paper Calender. 3) Paper Pulper. 4) Paper Prees. 5) Paper Crane.
- 5) **POWER INDUSTRY :-** 1) Induced Draft Cooling Tower. 2)AIR Pre Heater. 3) Coal Mill. 4) Crusher. 5) WTS (Water Treatment System) 5) WTP (Waste Treatment Plant)

2) CAD DESK Latur. (May 2019 to sep 2022)

Project Handled :-

- 1) **Serveshwar Engineers Latur.**
- 2) **Omkar siddhi fastenrs Pvt, ltd, Latur.**
- 3) **Amardeep hydero, jalokt, Latur.**

Designation :-Design Engineer.

Profile :- Design SPM Machine, Wood crusher Machine, wood sawdust machine, wood chipper machine, Hydraulic Jack, Hydraulic cylinder, Paper machine.

3) Expris IT Pvt Ltd, Pune (19-may 2016 to 30 march 2019)

Designation :-Design Engineer **to Whirlpool india pvt ltd**

(Weikfield IT CITI Info park, Pune Nagar Road, Pune)

The Whirlpool Corporation is an American multinational manufacturer and marketer of home appliances, headquartered in Benton Charter Township, Michigan, United States, company has annual revenue of approximately \$21 billion, 100,000 employees, and more than 70 manufacturing and technology research centres around the world. The company market Whirlpool, Maytag, KitchenAid, Jenn-Air, Amana, Gladiator GarageWorks, Inglis, Estate, Brastemp, Bauknecht, Indesit, and Consul. Whirlpool Corporation is the world's largest home appliance maker

- 1) Design and Development of Sheet metal components
- 2) Design and Development surface Components.

- 7) Conversion of 2D drawing into 3D model using creo3.0 software
- 8) Part Modeling and Surface modeling on Creo 3.0.
- 9) Conversion of step file to real 3D modeling in Creo3.0 design software.
- 10) Worked on IQC(Internal Quality Check) while releasing the drawing into windchill.
- 3) conceptual component design,
- 4) Drawing and Drafting .
- 5) apply a materials,
- 6) Good Knowledge Gd&t.

4) Laxmi Engineering Works, Aurangabad.

Design Engineer and Management Representative- (13-jan-2014 to 17-may-2016)

Company Profile:- Laxmi Engineering Works is a ISO 9001:2008, ISO 14001:2015, OHSAS 18001 certified company of Sheet-metal manufacturing, Precise Machining, Assembly ,Gauges, Jigs & Fixtures, Fabrication industry with various Customers like Siemens, Piaggio, Endress Hauser Flowtech, Wetzer, Endurance, Forbes, Essar-Steels, Franke Feber, Sanjeev Auto, Varroc Engineering etc.

- Design and Development of Sheet metal components, jigs , fixure, gauges in Solid-works & Unigraphics.
- Mechanical Designing & Drafting of Jigs, Fixtures, Gauges etc using Solid-works & Unigraphics.
- Operation Engineer for various Manufacturing processes in Tool-Room including CNC and VMC machines.
- New Customer and Vendor Development. Purchasing Responsibility as well as preparing initial cost estimation
- Product Design in Creo and Unigraphics.

ACADEMIC CREDENTIALS

- 1) **B.E. in Mechanical Engineering** from BAMU University, Aurangabad (67.25)
- 2) **Diploma in Engineering (Automobile)** from Govt. Polytechnic College, Washim Maharashtra with a 60.72%.
- 3) **XIITH** from Govt, technical high School, Parbhani, Aurangabad Board with a First class 71.00%.

ACADEMIC ACCOLADES

- Won academic prizes at school and college level.
- Actively participated in college level sports.

SPORTS :

- (1) **BOARD (M.S.B.T.E) LEVEL_-** Chess Player during **Zonals** in Diploma Engineering.
- (2) **DISTRICT LEVEL_-** Chess Player of Aurangabad.
- (3) **COLLEGE CAPTAIN –** Captain for College Chess Team in 2009 & 2010.

ACADEMIC PROJECT

- **Project on Injection Moulding of Automotive components** like Radiator Shroud Shell, Grill Mesh etc

Project - "Automatic speed control of vehicle in pedestrian zone".

Description:- Automatic speed control of vehicle in pedestrian zone, helpful for avoiding no of road accident in crowd area and in pedestrian zone by automatically decreasing speed of vehicle in pedestrian area & by automatically applying breaks using distance sensors.

TRAINING ATTENDED

- **One month** vocational training from **Integrated Automation And Robotics**, Aurangabad.
- **Three months** vocational training from **Laxmi Engineering Works** , Aurangabad.

Die Design of Press Tools such as Draw Dies, Bending Dies etc. Jigs and Fixtures, Cost estimation and basics of Wirecut EDM, VMC, CMM and other conventional machines.

SOFTWARE SKILLS

- **Operating Systems** : Windows (XP & 2000), Windows 7, Windows 8, Windows 9, Windows 10
- **CAD** : SOLIDWORKS, Creo, Solid Edge UNIGRAPHICS, Inventor, Catia, Nx-CAM, Revit MEP, 3Dx Max AUTOCAD,
- **CAE** : ANSYS, HYPERMESH,

PERSONAL DOSSIER

Date of Birth : 15TH April 1985
 Address : Govind A. Somwanshi,
 C/O mr, Choure, Sambhaji Nagar,
 Beside Gurunanak nagar Board,
 Ashoka society Road, kalewadi,
 Pimpri-Pune
 Pin Code : 411017
 Linguistics Abilities : English, Hindi, Marathi and Sanskrit
 Marital status : Single
 Current Location : Pune