

VIJAYKUMAR D. SUTRAVE

C/o Mr Jaykumar Ghanate.
Flat No: 12, Plot no. - 41, sector-16
Shivsai complex, Rajeshivajinagar
Chikhali, pune-411014

Email. ID- vjsutrave@gmail.com

Mob. No- **+91-9028350095**

+91-9591119962

OBJECTIVE:

To be a part of an organization that provides a good working environment and a platform to showcase my Skills and knowledge for the growth of the organization with a given requirement & commitments.

EXPERIENCE:

Six years of experience in the design of Permanent Magnet Synchronous Motor based systems, sheet metal, Casting, plastic products fabrication, SPM, BIW fixtures, Jigs, Gauges, Line setup etc.

EDUCATION:

| College/University | Qualification | GPA/Percentage | Year of Passing |
|----------------------------------|-------------------|----------------|-----------------|
| Basavakalyan Engineering College | (VTU) B.E (Mech) | 70.6% | 2012 |
| S S P.U college, Basavakalyan | 12th | 46% | 2008 |
| JHP School, Basavakalyan | 10th | 43% | 2006 |

TECHNICAL SKILLS

- Proficient in SOLIDWORKS
- Knowledge in CATIA, CREO &, AutoCAD.
- Knowledge of Manufacturing Processes, Sheet metal development parts fabrication, casting, moulding, assemblies, troubleshooting.
- GD&T, Tolerance Stack up analysis.

WORK EXPERIENCE:

A) Falco eMotors Inc. Pune (MH). (Apr 2016- present)-**SOLIDWORKS & Auto-cad**

Position: **Sr. Mechanical design engineer.**

Job Description : Modelling, Internal review, Preparation of Drawing, Release drawing, Preparation of EBOM, MBOM, inquiry, quote, costing, Design review, Technical discussion, Team handling (5 size)

Projects:

1. 5R (Mechanical Reel) (April 2018- Oct 2018)

- 5R is an array of 5 mechanical reels with monitor on one side developed for a gaming company.
- **Role:** As a Sr. Project Engineer (Mechanical), was involved in designing of the Prototype which includes mock up Model, Internal review, Customer review, Finalization of Mechanical design and resolving the constraints. Releasing of drawings and vendor follow up.

2. Mechanical Reel (Nov2017-March2018)

- The Reel design was based on the concept of **Axial Flux Motors** which contains sheet metal, casting, Extrusion & machining parts.
- **Role:** As a Sr. Project Engineer (Mechanical) I was involved in designing of the Prototype which includes mock up Model, Internal review, Customer review, Finalization of Mechanical design, Handling customer when visited India, Releasing of drawings and vendor follow up.

3. HVLS fan:

- Epoch is an Industrial HVLS fan which works on **PMSM motor** concept.
- **Role:** With requirements from the Customer, the concept design, Sub assembly, Assembly design and motor testing Machine design, everything was approved by the customer, vendor search, vendor Development, Prototype, Production Line-up, UL & CE approval motor.

4. HX Motor:

- HX Motor is a 250W motor which is product of Falco eMotors and developed for electric bicycles
- **Role:** Team Leader

5. HX Fan Motor:

- It is updated version of bicycle Motor.
- **Role:** Team Leader

B) Varad Automation & robotics Pvt Ltd, Pune (MH). (March 2014- Apr 2016)-**SOLIDWORKS**

Position: **Design engineer.**

Projects undertaken:

- Visual Testing Machine-Automated insp. of bore & height of hose clip
- LTM for Kubota cylinder head
- Bush press in casted pipe,
- Riser Cutting Machine
- Slotting machining for brass material.
- SPM for Dashboard Assembly.
- Others-Pipe, Hose checking fixture, Welding Fixtures...
- Sound knowledge in conveyor, line setup, sheet metal panels, govt. control panel etc...

C) Mittal Precision Pvt Ltd, Pune (MH). (May 2012 to Mar 2014)-**Pro-e V5 & Autocad**

Position: **Development engineer.**

Job description:

- Joined as a Trainee, after training handling activities for sheet metal development.
- Study of drawings, production process, Fixtures, jigs...
- Production planning-, Process plans.
- Sheet metal development & manufacturing, pipe manufacturing, fabrication, powder coating etc.
- Involving in Tooling required for parts development (Die + Fixtures), Preparation of Bill of material

Extra Activity:

Attended business meeting in Kenya, Pondicherry, and Bihar...

PERSONAL PROFILE:

- Date of Birth: 7th October 1990
- Marital status: Unmarried
- Language known: English, Kannada, Hindi and Marathi.

DECLARATION:

I hereby declare that the information furnished above is correct & true to the best of my knowledge & belief.

Place: Pune

Vijaykumar Dattatrayarao Sutrave