

## **CURRICULUM VITAE**

**MAYUR KISAN KUTWAL**

**Email :** [mayurkutwal91@gmail.com](mailto:mayurkutwal91@gmail.com)

**Mobile No.- 8087793010**

### **OBJECTIVE:**

To enhance the professional skills, competence and professional effectiveness in industries .To be as a part of highly motivated team and render the services .By maximum utilization of knowledge and skill to step forward in a field to accept the challenges of the industry and innovative work.

**Currently working in WINJOY INNOVATIVES as Design engineer with 2.3years of experience.**

### **CAREER HIGHLIGHTS:**

- Develop and design new products, utilizing standard engineering principles along with design calculations to complete assignments.
- Design, evaluate, select, and apply standard engineering principles and techniques to assigned business problems. Ensure that results meet established needs and goals.
- Effectively use the knowledge of 2D and 3D modeling tools such as **AUTO CAD AND CATIA .**
- Work on major projects as a part of a team or independently on smaller projects.
- Use judgment in making correct adaptations or modifications.
- Understand fit, form and function of product and components. Maintain drawings, models, calculations, specifications, bills of materials and other documents to effectively communicate the function and Performance of products and components internally and externally.
- Strong technical aptitude including applicable engineering tools and methods.
- Monitor the performance of products or operations. Analyze data and recommend changes to improve Quality, reliability or efficiency. Assist in implementing long-range improvement plans
- Strong problem solving skill - Solve problems related to projects or operations.
- Excellent communication and presentation skills for interaction with local and global team.
- Excellent Organizational, interpersonal and analytical skills..
- Ability to learn new software require for specific project as well as specific need.

### **WORK EXPERIENCE-**

#### **WINJOY INNOVATIVES-(April 2016 to till date):-**

Winjoy Innovatives support clients in product & process improvement engineering development for Process equipment, Packaging & Conveying equipment, Converting machines, Bulk material handling systems and production lines for primary & secondary packaging.

## **WORK RESPONSIBILITY :**

- Laying out concept of general machine arrangement.
- Project management & communicating with customers.
- Making assembly and detail drawings of machine parts in 2D and 3D .
- Sending the layout and drawings to the customer for approval.
- After approval uploading the drawing to integrated system.
- Checking drawings with GD & T and manufacturing prospective.
- Design & development of SPM.

- **UTTAM TOOLS,PUNE; (July2015 to March 2016 )**

Worked in Uttam Tools as Design (tool design) engineer. Uttam tools established in the year 1997 is an ISO 9001-2000 certified company. This company is manufacturer and exporter of Carbide Tipped & H.S.S. Cutting Tools such as industrial step drills, industrial step cutters, etc. These are extensively used Automobile Aircraft, Railways, Cable, Defense engineering, Steel Ferrous and non ferrous industry, Metal, Paper and Plastic industries.

- **WORK RESPONSIBILITY :**

- Design the different types of tools like solid carbide cutter, High speed steel cutter, Braze cutter, indexable tools.
- Making Form Tracing drawing of the machine.
- Releasing the drawing for manufacturing after proper GD&T.
- Implement and evaluate fresh product design adjustments.
- Design & Development of customized profile cutters according to the requirements by customer.
- Selection of standard coating for tooling.

## **CRITICAL PROJECT HANDLE:**

- Knorr-Bremse- Design and development Plunger service tool.
- Pepsico- Vertical Sealer Shaft Assembly.

**SPM-** SCA testing machine, Gear shifting lever bellow sealant application automation etc.

**Design and development of different types of tools e.g. indexable cutter, solid carbide cutter, Braze cutter, high speed steel cutter, reamer, end mill cutter, lugged drill.**

**ACADEMIC DETAILS:**

B.E.- Pimpri Chinchwad college of engg. – 61% (first class)

HSC- Jai Hind, Jr. college pimpri- 74.13% (first class)

SSC- Nav Maharashtra Vidyalaya- 84.76% (first class with distinction)

**SOFTWARE SKILLS:**

- Computer skills: MS-Office
- **Mechanical Software: Auto-Cad 2013, Catia, Solidworks, PROE WF 5,**

**PROJECT DETAILS****Degree Project-**

- **Title of the project-** Design and Fabrication of Solar Operated Multipurpose Cutter.
- **Scope of the project** - Open field where abundant sunlight is available to trap solar energy the project concept proposes to design and develop a portable, light weight multi-purpose agriculture cutter and shear to carry the above mentioned activity using solar powered 12 Volt DC motor.

**PERSONAL INFORMATION:**

Full name	: Mayur Kisan Kutwal
Address	: Waghere Colony No.4, C-Wing, Flat No.1, Pimprigaon, Tal-haveli, Dist-Pune.
Nationality	: Indian
Gender	: Male
Age	: 26 yrs.
Date of birth	: 10 <sup>th</sup> Aug. 1991
Hobbies	: Travelling, listening music, gardening & reading
Languages known	: English, Hindi & Marathi

**Declaration:-** I hereby declare that all the above information provide is true to the best of my knowledge.

Place: - Pune

Date:-

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Signature