

## **CORE SKILLS AND CERTIFICATION**

### **Software proficiency:**

- Autodesk: AutoCAD (Certified User),
- AutoCAD (IDEMI),
- Solidworks (ATC),
- Solid Edge,
- Civil AutoCAD (Milestone PLC Solutions),
- Programming – CNC (IDEMI),
- Documentation – MS Office

### **Other certificates:**

- Diploma in Production Engineering (Agnel Technical College, Bandra)
- Pro-E (IDEMI), NX (TRUMPCAD),
- German Language (Mumbai University),
- German Language (INNOVATIONSZENTRUM),
- MS-CIT, Online certificates: Master Digital,
- Product Design: UX Research & UI Design (Udemy),
- Product Design: Sketching & Photoshop Rendering Tutorial (Udemy),
- Project Management Certification | Project Management Course (Udemy),
- Electric Bike Design by EDMOUNT India Pvt. Ltd.

### **Conferences and Programs:**

- Industry Skill Development Program by Experts Hub & Techfest IIT Bombay, Topic – Automotive IC Engine Designs,
- Employee Training Program -MS Excel Training course (A. W. Faber-Castell India Pvt. Ltd.),
- Employee Training Program – Negotiation Skills – II (A. W. Faber-Castell India Pvt. Ltd.)

## ***Kunal Kiran Raibole***

***Design / Project / Process – Engineer  
Product Developer – New / Old  
Freelancer – Designer & Prototyping  
(Total Years of Experience= 7 yrs)***



*Persuing Bachelors of Business Administration  
Dr. D. Y. Patil Vidyapeeth, Centre for Online Learning*

### **Profile:**

- ❖ *Design Engineer with experience in CAD tools (engineering);*
- ❖ *Project & process planning – execution;*
- ❖ *Vendor Development*
- ❖ *Prototyping – 3D Printers (Wax, Plastic printing);*
- ❖ *ISO documentation*

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**DOB:** 26-01-1993



## **INDUSTRIAL EXPERIENCE AND PROJECTS**

### **Sunjewels Pvt. Ltd.**

May 2022 – Present

Assistant Manager, Product Development (NPD)

**Profile:** Research & Development; Process improvisation & implementation;  
Production support; Process development; Technical support;  
Documentation; Atomization; Kaizens; Mechanisms



**Developments:** Productivity Development; Gauges for Self QC in Production; Soldering Semi-Atomization; Mechanically driven design / product developments; Process Planning, Lean Manufacturing System Project

### **Elegant Collection (Jasani Group)**

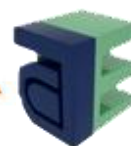
April 2021 – April 2022

Process Engineer, Product Development (Operations)

**Profile:** Research & Development; Process improvisation & implementation; Production support; Process development; Technical support; Documentation



**Developments:** Electropolish Process & Parameters; Spring Locks; CAM – Shrinkage Parameters; CAD – Library; Findings – Miracle Plates, Spring Plate, Torsion Spring; Waxing & Casting Parameters; Laser Soldering Automation (Under Process); Strength Testing Machine; 3D Scanning System; Anti-Tarnish Solution



**A.W. Faber-Castell (India) Pvt. Ltd. (Mumbai)**

April 2018 – March 2021

Project Executive, Project (Technical)

**Profile:** Research & Development; Design & developemnt of New / Old products as per Marketing specifications; Vendor Development; Production support; Process development; Technical support; Redesigning existing products with improvisation; Documentation – analyzing, executing & implementing



**Developments:** Acrylic Colour Tubes - Semi Automatic Feeding system; Wooden Pencil Hot Stamping - Semi Automatic Machine; Handle for Traveller Box; Marker, Highlighter Design; Dough Model Boxes; Ball Pen, Gel Pen Design

**Other companies, I have worked in past years are mentioned below (Projects):**

- 1. Accurate Laser Tech (Dahisar) – Laser cutting, Fabrication** (2014 – 2015)
  - Design products as per customer requirements
  - Sheet Metal Products
  - 2D Nesting for Laser cutting
  - 3D Modeling for assembly purpose
- 2. Adit Enterprise (Dahisar) – Kitchen Equipment** (2016 – 2018)
  - Design and prepare prototype to check working
  - Design modifications as per production
  - New Product developments as per Marketing requirements
- 3. Hindustan Vibrotech Pvt. Ltd. (Vasai) – Vibrating Machines**
  - Drafting the Plan Layouts as per Factory Plan layout with respect to Machine
  - New Machine designs as per customer requirements
- 4. A K Auto Electrical (Vasai) – EV Manufacturer** (2017 – 2018)
  - E-Rikshaw designs – Chassis, Body
  - E-Rikshaw designs – Fabricated body improvements
  - Golf Cart designs – Chassis, Roof top Frame
  - E-Garbage Cart – Complete design
  - E-Toilet Cart – Complete design
  - Production planning, Machine selection, Vendor development
- 5. Hardware Renaissance (Andheri / Vasai) – Door Hardware Manufacturer** (2014 – 2020)
  - 2D drawings preparation of all existing designs
  - Create Product technical catalogue for website
  - New developments – 2D drawings for customer reference
- 6. Iglow Buidling Solutions Pvt. Ltd. (Vasai) – LED Light Solutions** (2016 – 2022)
  - Fabrication drawings of LED Light fixtures for ICF
  - Fabrication drawings of LED Light fixtures for Kolkata Mtero
  - 2D drawings for customer presentation
- 7. CMP Metal (Mira Road) – Medical Equipment Manufacturer** (2016 – 2019)
  - Wallmount Sink design modifications
  - Tapper Scrub Station design modifications
  - Pass Box design modifications
  - Crash cart Trolley complete design
  - Pan Rack complete design
  - 2D drawings for Laser cutting / fabrication

MUMBAI  
12-02-2023