

# CURRICULUM VITAE

**Prafulla K. Patil**

Mechanical Design Engineer

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## OBJECTIVE:

Seeking for a position of Design Engineer where I can work in a challenging environment and learn new technologies as well as contribute the best to the organization.

## WORK EXPERIENCE:

**NEXUS ENGINEERING & SOLUTION PVT LTD, Pune** as a Mechanical Design Engineer since SEPT 2016 to OCT 2018

- 2 year one month of work experience in BIW welding fixture (Spot welding, MIG welding etc.) And checking fixture.
- Extensive knowledge in designing of fixtures and jigs, quality check, product life management.
- Good knowledge in GD&T, detailing.
- This company is mainly working upon Automotive Designing projects.
- Its customers are Wooshin, Valiant-TMS, Toolcon, Faith automation, Lean Automation.
- This mainly works on BIW Welding Design a domain of Tool Designing.
- Working mainly in Product designing. (Assembly Designing, Surface modeling, Sheet metal designing).

## RESPONSIBILITIES HANDLED:

- Designing and detailing of **BIW Welding fixture** (Spot welding, MIG welding etc.).
- Designing and detailing of **Checking Fixture**.
- Participated in concept design processes.
- Review and Release of 3d Designs and 2d detailing sheets.
- Analysis of drawings which includes concept sketches depending on application.
- Involved in material purchase by Preparing Bill of Materials.
- Executing projects as per the customer requirement and standard.

## TECHNICAL SKILLS:

- Currently working on CATIA V5.
- Good knowledge in UGNX, CERO.
- Good Mastery over General Machining Techniques, Various Manufacturing Processes, Product Life Management.

## PROJECT DETAILS:

1. **PROJECT** : **Welding fixtures for chassis.**  
**Client** : **Onward Technologies, Pune.**  
**Tools Used** : CATIA V5 R20  
**Role** : Assigned to work on side.  
Concept Design of Geo station Load table for chassis to coordination with simulation team.  
Assigned to carry out quality check and release of 3D design & 2D detailing sheets.
2. **PROJECT** : **Welding Fixtures for Side Body RL, FUB, Apron Assy. RL, RFA, Roof, etc.**  
**Client** : **LEAN Automation, Pune. (Maruti Suzuki)**  
**Project details** : Design and detailing of **Geo Fixture.**  
**Tools Used** : CATIA V5 R\_19  
**Role** : Assigned to work as team member.  
Assigned with the responsibilities of Design and detailing of welding fixture. Assigned to carry out quality check and release of 3d Designs and 2d detailing sheets.
3. **PROJECT** : **Welding Fixture for Rear Door Assy.**  
**Client** : **Faith Automation. Pune. (Mahindra)**  
**Tools Used** : CATIA V5 R\_19  
**Role** : Assigned to work as team member.  
Assigned with the responsibilities of Design and detailing of welding fixture.  
Assigned to carry out quality check and release of 3d Designs and 2d detailing sheets.
4. **PROJECT** : **Welding Fixture For Rear Floor Assy.**  
**Client** : **Faith Automation. Pune. (Mahindra)**  
**Tools Used** : CATIA V5 R\_19  
**Role** : Assigned to work as team member  
Assigned with the responsibilities of Design and detailing of welding fixture.  
Assigned to carry out quality check and release of 3D Designs and 2D detailing sheets.
5. **PROJECT** : **Welding Fixtures for Front End Line**  
**Client** : **Wooshin Engineering Pvt. Ltd. (TATAMOTORS)**  
**Project details** : Design and detailing of Geo Fixture, Process Gripper, SSW, Robotic Structure.  
**Tools Used** : CATIA V5 R\_19  
**Role** : Assigned to work as team member.  
Assigned with the responsibilities of Design and detailing of welding fixture.

## EDUCATION:

- B.E. Mechanical Engineering from NMU University of Jalgaon with First Class.
- HSC from Nasik Board with First Class.
- S.S.C. from Nasik Board with First Class with Distinction.

## INTER PROJECTS:

1. Portable Air Compressor.

## EXTRA- ACTIVITIES:

- Member of a National Level Event **Weengs-13** held in SSVPS, Dhule.

## PERSONAL DETAILS:

- **FullName** : Mr. Prafulla Kashinath Patil.
- **Date of Birth** : 17<sup>st</sup> AUG 1994.
- **Gender** : Male.
- **Marital Status** : Single.
- **Present Address** : Near Bhosari bus stop, District: Pune, State: Maharashtra, Pin: 411026.
- **Permanent Address** : At. Post Lonkhedi Tal & Dist. Dhule.
- **Languages known** : Marathi, Hindi and English.
- **Hobbies and Interest** : Listening music.
- **Relocation** : Ready to relocate anywhere in India.

## DECLARATION:

I hereby declare that the above mentioned details are complete and correct to the best of my knowledge and belief.

Place : Pune

Date :

PRAFULLA K. PATIL