#### Rupali Amar Mapari

*Contact: +91-8605493152*

*E-Mail: rupaliamarmapari@gmail.com*

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| Personal Data:- **Date of Birth:** 21st April 1992  **Marital Status:** Married  **Gender:** Female  **Nationality:** Indian  **Language Known:**  English, Hindi, Marathi  **Hobbies:**  Listening songs, Travelling, Surfing Internet  **Address:**  B5, Tulsi Corner, Plot – 115/A, sec-16  Rajeshivajinagar Chikhali, PCNDTA,  *Chinchwad, Pune, India* | Objective  ***‘Want to grow my profile in 3D modeling with the growth of the company’***  To be a part of a professionally managed organization with scope for challenging career opportunity for learning excellence in the competitive field of Designing and continuous improvement coupled with growth and individual development.  Career Summary   * **3.6 years** of Total experience. * Past working with **Polycab Wires** **Pvt** **Limited**   (Switchgear Plant) **Nasik** as a **Design Engineer.**   * Basically working as a **Design Engineer** and Inprocess Quality Engineer.   Education   * **Bachelor of Engineering [PUNE University]**   BE in **Mechanical Engineering** – (2011-14)  From Sapkal Knowledge Hub, Nasik with First class (62.5%)   * **HSC** (Nasik Board) with Distinction (75%) * **SSC** (Nasik Board) with Distinction (86%) |

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| Professional Skills |

* Engineering Designing software ( **CATIA, UG NX-12, AUTO CAD**)
* Plastic product designing.
* MCB Assembly, Testing, Calibration, Verification, Inspection.
* Conducting and Inspecting Routine and Type Test.
* Knowledge of MCB Standard IS/IEC 60898-1:2002.
* 7 QC Tools.
* Process Improvement.
* Root Cause Analysis.
* Problem Solving.
* PFMEA Preparation.
* Process Development.
* 5S.
* Communication.
* Documentation.

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| Software Proficiency |

* CATIA V5
* Unigraphics (NX- 11,12)
* Auto CAD
* MS-Excel, MS-office, Power Point

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| Professional Work Experience |

#### Furnteck Engineers Pvt. Ltd.Pune (8th Oct. 2018 – Till now)

#### (Furnaces Manufacturer)

* **Design Engineer**
* Using CREO 5.0 software.
* 3D Modeling of Furnace **Shell.**
* Preparing 3D model of Furnace shell plates for fabrication.
* Using AutoCAD for Detailing, GA and Drafting.

#### Polycab Wires Pvt. Ltd. (2nd Dec 2014 – 26th Jan)

#### (Switchgear Division Nasik)

* **Design Engineer**
* Done a certified course in **CATIA**, **Uni-graphics (NX-12)** Siemens software and **Auto-CAD.**
* Modeling of **Plastic products** like Switching Plates and Switches in **Unigraphics (NX)** and CATIA software.
* Modification in MCB design.
* Understood customer complaint and did R&D in MCB design.
* Made **fixture for MCB assembly** and check it on shop floor.
* Geometric Dimensioning & Tolerance.
* Reverse Engineering of products for Cost Saving.
* Benchmarking of Switches.
* Having mechanism knowledge of MCB, Isolator.
* Solving problems using 7QC tools and Root cause analysis.
* **R & D , Quality Engineer**
* In process Quality checking and first piece approval at MCB Assembly stage also doing hourly inspection.
* Conducting and inspecting MCB Routine Test like Thermal Calibration, Verification, Magnetic, High Voltage and Type Test like D0.
* Knowledge of MCB Standard IS/IEC 60898-1:2002.
* Checking MCB as per Standard Quality Sampling plan and using AQL for Acceptance and Rejection. (0.65 and 1.5)
* Failure investigation by using 7 QC tools, like Cause and Effect diagram (Fish Bone Diagram), Pareto Chart ( 80-20 pattern)
* Preparing PFMEA sheet.
* Making Process related document Work-instruction, control plan, Process flow chart, Check Sheet.
* Implementing 5S on shop floor, For Assembly Stage Bin Color system was implemented.
* All good product will flow in Blue Bin and for Rejected material there Red Bin.
* Making a place (Rack) for assembly components and tagging.
* Tagging of rejection material and type wise separation.
* Maintaining Reports & Records of MCB from Assembly to Packing.
* Knowledge of Auto Calibration machine of SCR, also knowledge about FOX Machine (Veri-Mac) a automation used for Routine Test of MCB

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| Past Work Experience |

#### NASH Robotics & Automation Pvt. Ltd. (11th Jun 2014 – 29th Nov 2014)

* Working as Trainee Quality Engineer
* Receiving vendors finished product.
* Checking dimensions.
* Generating Acceptance & Rejection Report.

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| Presentation on the Topic & Project |

* **Minor Project :**

Presentation: **-** **“REACTION** **CONTROL** **SYSTEM IN SPACE CRAFT’S”** in College.

* **Major Project :**

**“Design Of Reaction Arm Of A Dc Bolt Tightening Gun”**

Research and analyze root cause of the problem which is faced in **Gabriel India Ltd**

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| Assets |

* Hard Working, Time Management
* Punctual & Determined, Positive Thinker.

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| **Declaration** |

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

Date:

Place: Pune Rupali Amar Mapari