

## Skills

- **3D Printing** used to rapidly prototype parts (3D models)
- Finding **Root Cause** of the problem and mitigation plans to address design issues
- Onshape used on various projects involving **rapid discovery, prototyping, testing and iteration** of new parts.
- RCA, CAPA, 5Why, 6 sigma, **Kaizen**, OPL's
- **PPAP, APQP, AQL**
- **Prompting** with AI tools.
- **Agile and Scrum** methodology.
- Ability to **communicate technical ideas clearly and effectively both orally and in writing.**
- Managing design data.
- Strong acumen for business **statistics & Data Analytics.**
- Ability to establish and **maintain effective business relationships** with business units and other associates
- Excellent **influencing** skills with **critical thinking.**
- Proven track record of achieving **win-win outcomes**, during **negotiation processes.**

## Projects

- **Personal Project:** Design and fabrication of AGV (Automated guided vehicle)
- **Engineering Project:** Design and fabrication of "AUTOMATED MASKING MACHINE"
- **Diploma Project:** A Project Report on DRIVER VIGILANCE an IOT based Accident Prevention, Protection, Information, Tracking System for Drunkards

## Education

- **ATRIA INSTITUTE OF TECHNOLOGY**  
2018 - 2021
- **PES POLYTECHNIC**  
2015 - 2018

## Extracurriculars

- **Inline Rollerblades Instructor**  
Trained many kids as well as adults in an open community called Bengaluru skaters in Cubbon Park, Bengaluru.
- **Freelancing**  
Editing videos, banner cutouts, and thumbnails using adobe photoshop, adobe premier pro, canvas, Figma, Capcut, and VN.

## Experience



### Ati Motors | QA Engineer | Bangalore

Nov 2021 -Present

- Undertook all the testing and validation activities **concerning to AMR** (Hardware coupled with software).
- Rejection related to the supplier (**CAPA**).
- Led the **IQC** (Incoming quality) team.
- Incoming inspection **lead time reduction.**
- **Vendor development and evaluation.**
- Handled **ERP** for the Q.C team.
- Inspection and **testing of batteries**, fault finding, and debugging.
- Root cause analysis (**RCA**) for customer incidents.
- Q.C inspection at the **sub-assembly** for the **critical parts.**
- In-process inspection at a module level in the production line.
- **Validation** concerning AMR.
- Final level Q.C inspection (**PDI**) for AMR.
- **Customer support** for AMR-related issues.

## Attainments



- Developed a new vendor, for **quality improvements which also reduced the cost of chassis to 50%.**
- Major problems solved: **Swingarm encoder issue, FRP development, Paint shade issue**, made jig and fixtures, gauges, and test setup for controllers and motors
- Validation of **solid tyre** which replaced pneumatic tyre for the **AMR.**
- Creating a detailed **engineering report** for **ECR** and implementing **ECO.**
- Supervised with developing small, **well-defined** features and applications that **increased product efficiency.** (tab and joy stick holder and enclosures for PCB)
- Ensuring **Supplier selection and approval**, also **supplier quality rating**, supplier **corrective actions**, and verifications of incoming material functions.
- Reduced **In-house** rework from **70% to 5%.**
- Facilitated **investigation of formal responses** to all customer complaints.
- Daily interface with **customer quality representatives.**
- Collaborated with **cross-functional teams**, including design engineers, software developers, manufacturing personnel, and project managers. which provided feedback during product development stages
- Put in place a **New Q.C lab setup** for testing and inspection under 15Lac.

## Internships

### Organization: Bosch Automotive Electronics India Pvt, Ltd.Naganathapura, Bangalore 560100

- Knowledge Gained: Enhancement of technical skills in logistics and manufacturing process on how the finished materials are collected from manufacturing lines to logistics for pallet preparation. It was important to know the material collection frequency every hour and monitor the deviations in completing the cycle successfully.

**Project Undertaken:** "Automated guided vehicle with Natural navigation system" In Manufacturing/Digital Department

## Area of Intrest:

- Associate Product Manager
- NPD Engineer (New product development and implementation).
- Technical and Solution Support for RAAS and SAAS.
- R&D and/or L&D Engineer.
- QA testing and validation engineer (Software coupled with hardware).
- Product research and design.
- Customer success and/or CRM