
Mohammed Fazil

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Visit Visa No & Date of Expiry: 204/2021/77847476 & 2nd Feb 2022



PROFILE SUMMARY

A Young and dynamic person seeking for a challenging career in a business profession where I can learn new things, improve my skills, and contribute to the growth of the organization. Having strong understanding on Engineering Drawings, Machining, Procurement, Quality Control & PPC.

EXPERIENCE

Fundamental Technologies, Puducherry

Designation: MECHANICAL ENGINEER

FEBRUARY 2020 – NOVEMBER 2021

- Responsible for Planning and Procuring Raw Material / Bought Out items for the projects.
- Responsible for carrying out necessary testing for the raw materials - PMI, UT, Radiography.
- Handling the third-party inspection for the offered Mechanical Equipment.
- Responsible for creating, updating, and maintaining data using Project Libre software for project planning, scheduling, monitoring and control.
- Preparing Welding related documents - WPS, PQR, WPQ & Preparing BOM, PR, CCS, PO, QAP, ISO, QC Documents.
- Responsible for identifying the potential vendors, Conducting Vendor Evaluation, Appraisal & Generating Vendor Code.

Bytes & Bots Labs Pvt. Ltd, Puducherry

Designation: JUNIOR MECHANICAL ENGINEER

JANUARY 2018 - JANUARY 2020

- Worked with a team of 10 to design, develop and test the new 3D printer suits for Indian Market.
- Design and planning tests for new PCB hardware for the printers manufactured.
- Coordinate between the design and production teams to ensure our end products meet a reliably high level of quality.
- Maintaining Inventory for spare parts.
- Design and planning tests for new PCB hardware for the printers manufactured.
- Increased the overall production by 10 % through minimization of bottlenecks.

INDUSTRIAL PROJECTS & PORTFOLIOS

- **Reducing Yoke Rejection in SM6 Starter Motor Line @ Lucas TVS. INDIA.**

Using Shainin Technique (DMAIC Cycle) the Yoke rejection rate is reduced by 12% by identifying the root cause, finding the suggested solutions, and implementing the best possible solution to reduce the yoke rejection

- **Implementation of Total Quality Management (TQM) @ Prasanna Precision Tools, INDIA.**

TQM is implemented to this industry by suggesting improved plant layout to reduce cost & Time involved in material handling , ensuring sequence of operations, Safety Precautions, Implementation of 5S principle to increase the quantity and quality of the manufactured products.

- **Increasing the Die life using Nanotechnology @ Prasanna Precision Tools, INDIA.**

The bolt manufacturing die's life is experimentally increased from 51400 to 67800 achieved by coating the die with HYPERLOX by sputtering technique. - An application of Nanotechnology.

- **Smart Stick for Visually Impaired People:**

Smart Stick Prototype uses Ultrasonic Technology to identify the nearby obstacles of blind people and alerts them by producing sound from the buzzer.

- **Smart Dustbin prototype - An Alternate Technology for Waste Minimization.**

Smart Dustbin is designed to open and close the lid automatically when the garbage is taken near to it, thereby spearing diseases from open trash can can be reduced, It has inbuilt GPS System which alerts the concerned department to clean the trashcan when it is almost to full.

CERTIFICATION

Certified **Energy Conservation and Industrial Waste Heat Recovery** from IIT, KHARAGPUR

EDUCATION

Pondicherry Engineering College - *B.Tech in Mechanical Engineering - 8.37 CGPA*

Aditya Vidyashram Hr. Sec. School - *HSC - 93.33 %*

Seventh Day Adventist Hr. Sec. School - *SSLC - 95.8 %*

SOFTWARE KNOWLEDGE

- ProjectLibre / MS Projects.
- AutoCAD
- MS Office
- Asana

TECHNICAL SKILLS

- Additive Manufacturing Technology
- 2D drafting in Autocad.
- Typewriting (Higher/Lower)
- Basic Arduino Projects

AREAS OF INTEREST

- Additive Manufacturing Technology
- Total Quality Management
- Machining Process
- Production Planning & Control

STRENGTHS

- Entrepreneurial Skills
- Design Thinking
- Decision making and leadership skills
- Team player and motivator.
- Meeting deadlines and being optimistic.
- Negotiation Skills.

EXTRA ACTIVITIES

- Acts as **Force Multiplier** of the Police Dept., during the COVID-19 pandemic situation.
- Appointed as a **Real Time Poll Monitoring Personnel** for Webcasting and RTPMS in the Lok Sabha Election 2019.
- Helping nearly 500's of financially backward school children to apply for scholarships online.

ACHIEVEMENTS

- Secured 1 st prize in Technical Symposium for presenting a paper on the topic "Smart Dustbin - An alternate way for waste minimization - held at Manakular Institute of Technology.
- Secured 1 st prize in Technical Symposium for presenting Paper on topic "Smart Stick - A Third Eye for Visually Impaired People" - held at Pondicherry Engineering College.

PERSONAL PROFILE :

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|---------------|---------------------|
| Father's Name | : Zupair Ahamed . A |
| Mother's Name | : Muhapunnissa .Z |
| DOB | : 24-09-1998 |
| Nationality | : INDIAN |

PLACE : Dubai

DATE : 04/Nov/2021

(Z. Mohammed Fazil)

Signature