

# SURYA M

Mechanical Engineer

Mail-Id : [suryamc1111@gmail.com](mailto:suryamc1111@gmail.com)

Phone : 9902273457

## SKILLS

- 3D Design & 2D Drafting
- Sheet metal fabrications & welding
- Process developer
- Pneumatic and hydraulics
- Electronics and electricals
- Documentation

## COMPUTER PROFICIENCY

- Solid works
- Solid edge
- Auto cad
- MS Tools
- Typing

## LANGUAGE

- English
- Tamil
- Kannada
- Hindi

## STRENGTH

- Multitasking
- Teamwork
- Positive attitude
- Quick learner
- Punctual

## HOBBIES

- Pencil sketching
- Fabricating audio systems
- Watching Anime
- Taming birds
- Gardening

## PERSONAL DETAILS

- Father name : Muniswamy. M
- Mother name : Chithra. M
- Marital Status : Unmarried
- D.O.B : 18/06/1999

## SUMMARY



Aspiring mechanical engineer with **three years of experience in product and process engineering, NPD, fixture designing and quality assurance**, with a strong commitment to quality, safety, and timely delivery. Skilled in sheet metal design, process improvement, customer coordination, and quality inspection, with exposure to Solid Edge & Auto cad.

## WORK EXPERIENCE

### 3 SP – FAB – Bangalore 07/2023 (Present)

Quality Assurance ⇨ Process development Engineer,

- Independently executed projects from New Product Development (NPD) through production support.
- Achieved 40% improvement in production efficiency through effective fixture design and implementation
- Designed fixtures and inspection templates to meet sheet metal production and quality requirements.
- Coordinated design changes and issue resolution across cross-functional teams, including Design, Purchase, and Quality departments.
- Developed welding and assembly processes to improve manufacturing efficiency.
- Performed sheet metal design and drafting using Solid Edge.
- Conducted quality inspection and assurance across all production stages.
- Tools & methodologies: CAPA, APQP, FMEA, SCM.

### 2 HAL Engine Division (Through contract)- Bangalore

CNC service engineer, 08/2022 – 05/2023

- Responding for break-downs and solving issues.
- Planning and undertaking scheduled maintenance as per the instructor.
- Documentation works.
- Problem solving, circuit tracking.
- Carrying preventive maintenance as per the due date.

### 1 Ducom Instruments Pvt. Ltd. – Bangalore

Internship, 06/2018 - 05/2019 (One year)

- Carried projects on Tribology testing products
- Sensor's calibration like (Load cell, LVDT, Thermocouple, Proximity) and fixing on faulty parts within electronic.
- Panel wiring according to the blueprints, manufacturer specifications as per customer requirement.
- Read schematic diagram to route & wiring the switches, cables and electronic parts in chassis.
- Assisting the designers for modifications required in projects.

## EDUCATION

<b>Bachelor of Engineering</b>	Mechanical, 2019-22	JSSATEB Cgpa – 7.74
<b>Diploma</b>	Mechatronics, 2015-19	G.T.T.C Percentage- 83.05%
<b>SSLC</b>	Khoday High School, 2015	Percentage- 73.12%

## PROJECTS CARRIED

### **Project-1: Mechanical and Tribological performance of Al7050 amalgamated with BN and TiB<sub>2</sub> MMC**

During : JSSATEB  
Duration : 1 year (Major project)  
No. of students : 04

### **Project-2: Design and Analysis of Pelton Wheel Turbine to generate 15MW power**

During : JSSATEB  
Duration : 6 months (Mini project)  
No. of students : 04

### **Project-3: Audio systems**

Fabricating a fine stereo system is one of my dedicated hobbies by design and modelling by using audio amplifiers using class AB, class D amplifier generations. Carrying hobby projects like Sound Bar, 2.1 and 2.0 audio systems.

**LinkedIn Profile:** <https://www.linkedin.com/in/arjune-m-5581a121b>

## Declaration

“I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.”

Date: 30-12-2025

**SURYA M**  
Signature