



RAM KUMAR

Mechanical Engineer

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WORK EXPERIENCE

0 Years 9 Months

AGE

21

CAREER OBJECTIVE

To work for an organization that provides me the opportunity to improve my skills and knowledge to growth, along with the organization objective.



Education

- | | |
|--|---|
| 1. B.E mechanical Engineering,
Sri Ramakrishna Institute of Technology
Coimbatore. | Graduated, May 2019
Marks 7.14/10
First Class |
| 2. 12 th Standard
CRR Matriculation Higher Secondary School
Coimbatore. | Graduated, May 2015
Marks 88%
Distinction |
| 3. 10 th Standard
CRR Matriculation Higher Secondary School
Coimbatore. | Graduated, May 2013
Marks 89.4%
Distinction |



Professional Qualifications and Affiliations

- Good in leadership.
- Quick learner.
- Handling any kind of situation.
- Good in guidance.
- Excellent marketing strategies.



Co Curricular Achievements

1. Under gone in-plant training in Ambal auto (Maruthi Suzuki service center) for a week.
2. Participated in one-day workshop on "Modern trends in automobile engineering "by SAE SRIT club.
3. Participated in one-day workshop on "Automotive Transmissions" by SAE SRIT club.
4. Participated in Two-day workshop on "Advanced manufacturing process (AMP17)" by IIF.
5. Participated in one-day AICTE sponsored national seminar on" Rapid prototyping" by SRIT.
6. Participated in day international workshop on "IC Engines overhauling" in SRIT by IIT Hyderabad.
7. Visited three foundries namely PSG, AMARON, ULTIMATE foundry.



Project Work

Title 1: MECHANICALLY POWERD ATTACHMENT FOR APPAREL FOLDING MACHINE.

Mechanism: Crank and slotted lever quick return mechanism.

Working principle: The folding plate folds the cloth attached to it by getting power from the actuator , say motor. The motor powers the shaft that will make the folding plate to fold the apparels. The crank which is fixed at the edge of the shaft makes the lever to oscillate about the pivot point. The end of the lever is connected to the rack and pinion arrangement. When the lever starts oscillating the rack attached to it start to move in forward and backward direction. The pinion which is in contact with the rack starts rotating about its support due to the movement of rack. The supporting links that are attached to the pinion starts rotating about its support which in turn results in efficient folding of apparels.

Ti

tle 2: TUBE THICKNESS INSPECTION ROBOT FOR INFINITE LENGTH.

Role: Project Leader.

Working principle: The Robot is normally used to do the work without any human effort, in our work we are using the ultrasonic sensor which is fixed on the Robot sends the sound using transmitter and receives the sound using receiver by this concept the initial height of the tube was measured and it fixed as reference value and the robot starts moving inside the tube using the DC Motor attached to the wheel which is powered by the 6V Battery. When it is measuring the tube thickness by sending and receiving the sound the change in the thickness is identified by comparing it with the reference value which is measured initially and the value is compared by the PIC Controller (Peripheral Interface Controller) which is programmed in the C programming. Based On the programming we coded, the value is compared and it is displayed in the LCD display by the same Controller and the value should be displayed is the value we have identified by comparing it with the reference value and the code to display the value is also encoded in the PIC Controller using C programming



Certifications

1. One week Inplant training certificate from ambal auto.(maruti Suzuki authorized service centre)
2. Auto cad certificate from ISO Certified Company.
3. Solidworks certificate from ISO Certified Company.
4. NX cad certificate from ISO Certified Company.



Personal Qualities

1. Highly motivated and eager to learn new things.
2. Strong motivational and leadership skills.
3. Ability to produce best result in pressure situation.
4. Ability to work as individual as well as in group.



Work Experience

Sept 2019 – Mar 2020
MANAGEMENT TRAINEE
Shri Ram Transport Finance Company Ltd .

Mar 2020- Current
EDUCATIONAL COUNSELLOR
Vedantu Innovations PVT Ltd.



Computer Proficiency

- Microsoft Word 2010
- Microsoft Excel 2010
- Microsoft Power Point 2010



Languages

- Tamil
- English



Personal Details

- Father's Name: Subramanian R M.
- Mother's Name: Dhanalakshmi S P.
- Date of Birth: 09-05-1998.
- Nationality: Indian.
- Address: 15, Sms layout, 1st street, Ondipudur , Coimbatore-641016.
- Hobbies: Reading books, watching motivational speech and videos.
- Languages Known: Tamil, English.

Declaration

I, Ram Kumar, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.



S. Ram Kumar.

Coimbatore, Tamil Nadu

S. Ram Kumar
