



Shanmugavel S

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Career objective

I seek challenging opportunities where I can fully use my skills for the success of the organization and to solve problems in a creative and effective manner.

Educational qualification

Degree/Academic	Year of passing	Board/University	Percentage
Diploma in Mechatronics	2018	EDUTECH NTTF India Pvt Ltd	85%
HSC	2015	Maharishi Vidya Mandir hosur	75%
SSLC	2013	Sree Saraswathi Vidyalaya bagalur	81%

Project

Projects in college (NTTF)

1. MSD project Walking Bicycle

Description: It is a totally new way of moving with the electric assist it take no more effort to walk Than "A walk in the park" electric assist in combination with the gear is boosting your walking pace. And it protects from pollution.

2. Mini projects

Portable mobile charger

Battery clipped transistor tester

Projects in Company (ITC)

1. Capsule system installation (To detect the capsule in the product)

Role: Did require cable routing and connection done got training with vendors and maintain the system in running status with less rejection and to remove the quality of the product

Benefits: Before no any check as been carried out if the product without capsule its risk of going to the market so this system is attended and its is maintain in running state always and all the NG images is stored in PC for future reference

2. NTRM system installation (To detect foreign particles in the product)

Role: Did require cable routing and connection done got training with vendors and maintain the system in running status with less rejection and to remove the quality of the product

Benefits: Before no any check has been carried out if the product with foreign particles its risk of going to the market so this system is attended and it is maintain in running state always and all the NG images is stored in PC for future reference

3. Robot installation (To place the CFC box in pallet)

Role: Did require cable routing and connection done got training with vendors and maintain the system without any downtimes and training given to the machine crew whenever needed

Benefits: Before man power is required to place the CFC boxes in the pallet which is around 14-15 kgs per box so it takes total 4 man power at 4 lines now by this it as been eliminated and its done by robot

4. Stamping unit (As per Gov and market requirement)

Role: Did require cable routing and connection done got training with vendors and maintain the system without any downtimes

Benefits: Before no machine for applying stamps in packets so it as been installed and stabilization of the machine before the deadline which can run as per upstream and downstream machine

5. Track and trace unit (As per Gov and market requirement)

Role: Did require cable routing and connection done got training with vendors and maintain the system without any downtimes

Benefits: Before no machine for applying label in outer so it has been installed and stabilization of the machine and maintain the rejection as much as less

6. PCT curve wander detection trail (For detection of graphic design which is curved)

Role: Did require setting and connection done along with vendor

Benefits: Before no machine no detection for curved PCT so trail taken along with vendor whenever required as per quality team

7. Waste sorting machine

Role: As per EHS machine commissioning done before machine having 230 V control circuit as per EHS requirement control unit from 230V to 24V and drawing updated

Benefits: Before man power is required for sorting the waste packets and it was taking long time now by this machine can be done faster

8. Case packer Taping unit installation

Role: Motor mounting and connection done changed the logic as per requirement and machine trail taken and handover the machine within deadline

Benefits: Before in machine it was happening with help of cylinders and knife so sometimes tape won't get sticks properly so after this is done by taking unit drive and motor so it done properly

9. Case packer camera installation for outer miss check

Role: Camera mounting and connection done changed the logic as per requirement and machine trail taken and handover the machine within deadline

Benefits: Before in machine if outer miss it is detected at only at top and bottom layers and error will come now by this camera it is detect at all the rows and columns and if it is miss machine gets stops immediately

Experience in past and present (2018 – current)

1. Handling the shift

Role: Need to handle the issue induvial at machine with less downtime at all 3 shift and brand change activity

2. Maintenance in machine

Role: Need to clean the respective area at weekly cleaning day and to resolve the repeated issue which occurs in shift and clearing the note down points before cleaning day

3. Spare management

Role: Need to maintain the spare with respective machine and to arrange it in right place at 6 month gap

4. Drawing updating in machine

Role: Update all the missing drawing at machine and update as per latest logic and hardware changes

5. EHS Documents update and risk points closed

Role: Need to close all the EHS points at all machine and to update the documents in time

6. I/O list update

Role: Update all the I/O list in all technology and update for maintain the spares

7. Focus machine maintenance and spare management

Role: Need to order the require material in focus area for avoiding the downtimes due to spare unavailable

8. Quality checks done regularly

Role: Regularly taking the quality shock test in machine across all technology

9. New screen developed in Case packer

Role: New screen developed in case packer for homing position sensor to know the condition of sensor
And updated the misleading message with correct message in machine

Technical skills

College (NTTF)

Languages : Basics of C, C++,

Design : Auto cad, Pro E

Software used : Auto cad 2007, Pro E, Keil v5, MP LAB IDE v8.33, simulation PIC.

Hardware skills : Microcontroller, embedded system

Company (ITC)

Programming skills : Twin cat 2 , Step 7 , TIA portal

Hardware skills : S7-1200 , S7-300 , Beckhoff PLC

Training attended : In various technology training , software

Fields of interest

- Microcontroller programming
- Embedded system - PIC microcontroller programming (basics)
- PLC programming (basics)
- Auto cad, Pro E
- Robotics

Co curricular activities

- Participated in sports in Hrs Secondary School(football)
- Participated in cultural activities
- Attended the program in Imtex
- Organized cultural for freshers days celebration

Personal information

Full name : Shanmugavel S

Date of Birth : 26-Feb-1997

Father's Name : Swamiraj P

Personal traits : Good communication skill, adaptability,
good leadership quality and perfection

Languages : English, Tamil

(Read/write/speak)

(Speak) : Hindi , Kannada , Telugu , Malayalam

Hobbies : Playing football, long drives in car, bike.

Address : Door no # 9 MIG,
Old ASTC Hudco,
Hosur,
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Tamilnadu,
Pin code-635109

Reference

College (NTTF)

Name : Karthikeyan
Phone number : +919789786132
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Company (ITC)

Name : Shiv Kumar
Phone number : +919284087795
Email Id : Shiv.Kumar@itc.in

Name : Rajkumar Chawat
Phone number : +918392952892
Email Id : Rajkumar.Chawat@itc.in

Declaration

I declare that the information furnished above is correct and true to the best of my knowledge and belief.

Place: Pune
Date:

Shanmugavel S
