

## **CURRICULAM VITAE**



**VENUGOPAL. S**

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### **Professional Abstract:-**

- ⇒ **Sep2020 to still** date working in **RV FORMS AND GEARS LLP AN ASM technologies group of company.**
- ⇒ Worked as **RV FORMS AND GEARS LLP AN ASM technologies group of company as service engineer.**
- ⇒ **July 2018 to August 2020** of experience in equipment engineer.
- ⇒ **Worked** at **Flextronics India Pvt. Ltd,** as **Equipment engineer.**
- ⇒ **Dec 2011 to Mar 2018** of experience in Plant Maintenance.
- ⇒ Worked as **ITAL Plastic Compounds Pvt. Ltd,** as **Maintenance Junior Engineer.**
- ⇒ Responsible for plant machines & utility machines
- ⇒ **May 2010 to Dec 2011** worked as Project engineer.
- ⇒ Worked as **Kevin Electricals Pvt. Ltd,** as **project engineer.**
- ⇒ A keen communicator with honed problem solving and analytical attitude.
- ⇒ **11 year 6 month** of experience in Hardware development.

## **KEY RESULT AREAS**

### ***Maintenance engineering***

- ⇒ Extending of machine parts life's reduction and modification of tool parts
- ⇒ I performed through **PDCA, PDSA** method
- ⇒ Ability to work under pressure in, time sensitive, fast-paced environments
- ⇒ Prepare & monitoring of **4M** method, **SGA** (Small Group Activity), **CFT** (Cross functional team) **KAIZEN**
- ⇒ Prepare & monitoring all maintenance documents, (**ISO** audit, **PM** schedules, **MTTR**, **MTBF**, Break down Report, **5'S** Activates, and all maintenance documentations.

### ***Electrical Maintenance***

- ⇒ Ensure Preventive Maintenance, Breakdown Maintenance done for **PLC** based machines.
- ⇒ Analysis of machine break down and failure analysis.
- ⇒ Analysis of **PLC** Error coding and rectified the problems, **I/O** (input, output) port and signals analysis.
- ⇒ **Ability to handle various type of Sensors** (Humidity sensor, Fluid velocity or Flow sensors, Pressure sensors, Thermal or Heat or Temperature sensors, Proximity sensors, Optical sensors, Position sensors, Chemical sensor, Environment sensor, photoelectric sensor Magnetic switch sensor, color coding sensor .
- ⇒ **Ability to handle type of VFD [Variable Frequency Drive](AC drive, micro drive or inverter drive)**
- ⇒ Handled with 11kv substation & 1000KVA, 600 KVA, 250 KVA, 380KVA Diesel Generator (GMMCO-CAT, Poweric) & chiller plant 80TR, 120 TR (Blue Star, Volta's), R.O Plant.
- ⇒ Experienced in CNC Program's, Pneumatic, Hydraulic and Servo motors, encoder, stepper motor, Induction motor, special purpose motor.

- ⇒ **Handled with various types of pneumatic cylinders** [cylinders with piston rod] stopper cylinder, clamping cylinder, drive with linear guide cylinder, bellows and diaphragm cylinder
- ⇒ **Handled** with Temperature controller, Limit switch, SSR (solid state relay), Thermo coupler, Exhaust motors, Air blowers,
- ⇒ Development and Executing, Maintaining for **PLC** based Special Purpose Machines (**SPM**) and General Purpose machines (**GPM**)
- ⇒ Handle with Induction motor bearing, electric magnetic break. And chiller pump water seal, Hydraulic cylinder seal.
- ⇒ **Handle with** induction, servo motor, stepper motor servicing.
- ⇒ **Handle with pressure test meter, Torque test, meter paper test.**

## ***PROFESSIONAL EXPERIENCE***

### ***ASM TECHNOLOGIC GROUP OF COMPANY***

#### ***SERVIE ENGINEER (FOXCOON VENDOR).***

***Apple phone SMT compounds pick and place and UV glue machine service engineer.***

### ***Flextronics India Pvt. Ltd.***

#### ***Automation equipment junior engineer.***

***Company profile: it is one of the manufacturing of phones (Reliance jio, xiaomi).***

### **Ital Plastic Compounds Pvt. Ltd.**

#### **Maintenance Junior Engineer**

**Company profile:** - It's the India's one of the leading manufacturer of abrasive Resin bounded cutting & grinding wheels

**Kevin Electricals Pvt. Ltd, as construction project Supervisor.**

- ⇒ Electrical LT cable ground and overhead laying and termination work.
- ⇒ MV panel and DB assembly.
- ⇒ LT transformer installation work.
- ⇒ Lighting arrest and earth bit installation.
- ⇒ HT and LT Transformer installation work.
- ⇒ Electricals wiring and switch box installation ( as per drawing )

***Technical skills and knowledge***

***I have experienced knowledge of handling the following technical products***

- ⇒ Add-on card (PCI) Interfacing with PC (National Instruments)
- ⇒ Stepper, Servo motor & Servo Drive interfacing with and PLC, (Mitsubishi, Omron, Panasonic).
- ⇒ Torque Transducer interfacing with PC and PLC, LOADCELL, ENCODER and SENSORS, Linear scale interfacing for PC and PLC.
- ⇒ PLC's ,HMI's, VFD's,(Mitsubishi, Omron, ABB, Panasonic LS)
- ⇒ Timers, counters, temperature controller (Autonics, j & d, Omron).
- ⇒ Supplier contact regarding technical issues (parts and machine).
- ⇒ Implementation of maintenance on production equipment according to maintenance system. Maintenance plan and the production running demand.
- ⇒ Responsible on cost reduction on machine via engineering modification and local sourcing.
- ⇒ Automation implementation on existing machine to reduce the manpower and improve the cycle time.
- ⇒ YOY improvement on increase in OEE and MTBF.
- ⇒ Reduce YOY scrape and rework rates generated by machine
- ⇒ Support to shop floor production, IT, Tool machine spare parts ordering with inventory control and preventive maintenance plan.
- ⇒ New machine installation and carried out buy-off for new project (NPI)
- ⇒ Weller machine (soldering machine)

- ⇒ Barcode marking machine ( HANS LASER)
- ⇒ Compounds height measurement machine
- ⇒ PCB Auto soldering machine.
- ⇒ Hot glue dispensing machine.( J&D)
- ⇒ Pick and place machine(SECOTE)
- ⇒ UV glue dispensing machine( SAEJONG )
- ⇒ Hans laser bar code scanning and printing machine.
- ⇒ Ink printing machine. (SECOTE)
- ⇒ Jig and fixture modified.
- ⇒ Auto plasma machine.
- ⇒ Robot pickup and placing machine. (SECOTE)
- ⇒ Press fit (**Automation**).
- ⇒ Auto screwing machine. (BRADY)
- ⇒ Auto Sealing machine
- ⇒ Battery cover assembly machine.
- ⇒ Auto thermal glue machine.

#### **Technical software Skills:**

- ⇒ PLC programming software (trouble shooting)
- ⇒ Machine running program software.
- ⇒ Keyence program software.
- ⇒ Auto vision capturing CCD, Barcode scanning (TV vision, Air fox automation, T01 vision soft, ASM)

#### **Professional Attributes:**

- ⇒ Abilities to work independently as well as in a team.
- ⇒ Good oral and written communication.
- ⇒ Quick Learner, Confident punctual &Hard worker.
- ⇒ Adjustable to any environment.

#### **Computer skills:**

- ⇒ Basic computer knowledge

**Academic Qualification:**

2010 **Diploma in Electrical and Electronics Engineering** from **RAJA DESING POLEYTECHNIC GINGEE VILLUPURAM.**

2004 **High School Exam with Govt. Hr. Sec. School. Olakkur.**

**Personal details:**

Father's Name	: Mr. N.SUNDARRAJ
Date of Birth	: 19-04-1989
Gender	: Male
Marital Status	: Married
Nationality	: Indian
Languages Known	: English, Tamil
Permanent Address	: No: 27, Agaragara street, olakkur (post) Tindivanam (t. k), villupuram Pin code: 604305 Tamil Nadu.
Passport	: S1887824

**Declaration**

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

Date:

Place: Chennai

Signature  
(VENUGOPAL. S)