



## KEY SKILLS

- Trouble shooting
- Total Quality
- Strategic Planning
- Problem solving
- Team Leadership

## TECHNICAL SKILLS

- Win: XP, Vista,7,8,10, Linux
- MS Office, Photoshop, AutoCAD-2000, Smart plant Review.

## PERSONAL DETAILS

- Fathers Name : Kanagaraj
- Date of Birth : 13.04.1986
- Gender : Male
- Marital status : Married
- Nationality : Indian

## Passport Details:

- Passport No : S 5797709
- Date of Issue : 09.08.2018
- Date of Expiry : 08.08.2028
- Place of Issue : Muscat

## LANGUAGE KNOWN

- English
- Tamil
- Telugu
- Hindi average

## PROFILE

### Electrical / Electronics / Telecom Instruments

Aspiring to associate myself with an organization that will give me a good career in Technical side and enable me to develop as well as grow in the organization. To excel my knowledge in advanced technologies with a thirst to know new beginning. Toil till perfection is my motto.

### General Scope of Work:

More than 12 years of Experience in Details engineering projects of various sectors like Power sectors, Hospitalities, Water plant, Refinery and petrochemical and Facilities Maintenances Projects.

Electronics Instruments Security systems projects like Fire alarm Sys, ACS, CCTV(DVM & DVR), PA, Telecom Sys, Nurse Call Sys, gas Detector, Instrument sensors, SMA TV Sys, Intrusion Sys, PLC/SCADA, HVAC with BMS Control Sys, Airport VDGS, Media convertor, Wireless Sys Electronics & Instruments related projects to Transmission & Distribution and other utilities by way of Installation Maintenance & Commissioning.

Have basic skills in Instrumentation detail engineering activities e.g., sizing of Flow Element, Pressure Relief Valve, Control Valve, Safety Valve and Field Automation/ Instruments, specification, Material Requisition, Contract Management, Field Engineering support and Site assistance, Maintenance & Commissioning.

### EMPLOYMENT DETAILS

Currently working in **Field Service Engineer-Sri Jayavilas I Ltd, RJPM, TN, India.**

**Aug 2015 - Sep 2021 :** **OMAN SHARPOORJI COMPANY LLC, OMAN.**  
**Electrical & Electronics Supervisor.**

#### Nature of Work :

Responsible for planning and undertaking scheduled maintenance, responding to breakdowns, diagnosing faults, repairing equipment, supervising engineering and technical staff, obtaining specialist components fixtures or fittings and also ensuring compliance with health and safety legislation.



## **Role and Responsibilities :**

- ▶ Checks and repairs various instruments related to Fire & Gas systems either according to prescribed schedules or based on defect reports.
- ▶ Prepare and Configuration of Communication network, Customer terminal, control room Diagram, Hook up Diagram and Preparation of Junction Box support detail Drawing.
- ▶ Replaces PCBs, displays and recalibrates equipment upon completion of the work.
- ▶ Preventive and Breakdown maintenance of various Mechanical and Electrical Equipments.
- ▶ Preparation of Technical Documents - Functional Test Procedure and report.
- ▶ Responsible for the pre commissioning and commissioning activities.
- ▶ Inspection and testing of loops from field instruments control room DCS signal.
- ▶ Carrying out functional test activities of Building fire detection system and plant Fire & gas systems.
- ▶ Review the vendor documents & Drawings & preparation of Electrical small power cable documents (including cable list, cable schedule, cable routing)
- ▶ Erection of Electronics control Panels(PCC's, MCC's, UPS & HMI) PreCommissioning.
- ▶ Prepare necessary paperwork for the completion of work and get it authorized by the client after their inspection.
- ▶ Organization of schedules and planning for implementation of the installation and commissioning of all systems.
- ▶ Preparation of Control and Automation Philosophy, Cause & Effect diagram, System I/O list, Hook-UP drawings, Instruments Name Plate drawings, Instruments Engineering Data Sheets, and preparation of As-Built of above documents.
- ▶ Assist in coordination and implementation of safety watch requirements.
- ▶ Preparation of Distribution board schedule, connection schedule, Lighting and small power cable schedule

## **TRAININGS AT Contractor :**

- Training in Building Management System (Access, Gas Detectors, Water level, Barrier & Fire Alarm System, Intrusion Sys, HVAC Control Sys).
- Different type of projects study & training by OSCO.

**Jul 2013 – Aug 2015**

**HAMAD INTERNATIONAL AIRPORT – (FMM).**  
**Electronics & Telecom Sr. Technician.**  
**Qatar Airways - International Airport, Doha, Qatar.**

**Project Client:**

**Description:**

Responsible for Installation, Commissioning & maintenance (LOTO & LOA), providing technical support scheduled maintenance, responding to breakdowns, repairing equipment, supervising, managing stocks of supplies and equipment warranty issues, and helping our client by responding to their requests for service in a timely and efficient manner.

**Responsibilities:**

- ▶ A team of more than 20 professionals (Engineers, Supervisors and Sr. Technicians included) and subcontractors.
- ▶ Responsible for Client, Consultant and Main Contractor technical Level Meetings.
- ▶ Lead Testing and Commissioning Activities for All Instruments Systems.
- ▶ Accountable for Site Activities, Handover and Inspections.
- ▶ Check the control panel to ascertain that it shows normal operation.
- ▶ Ensure that any fault reported the previous day has received attention.
- ▶ Inspection and testing of loops from field instruments control room DCS signal.
- ▶ Examine batteries and their connections and test them as specified by supplier to Ensure that it is not likely to fail before the next quarterly inspection.
- ▶ Preparation of Cable Block Diagram, PDS cable tray routing, JB placing
- ▶ Preparation of Cable Schedule
- ▶ Preparation of Instrument Layout
- ▶ Preparation of Junction Box support detail Drawing
- ▶ Check all ancillary functions of the control panel, where possible.
- ▶ Check all fault indicators and circuits by simulating a fault condition.
- ▶ Responsible for the pre commissioning and commissioning activities.
- ▶ Check each fire detector for correct operation in accordance to manufacturer's recommendation. Visually check all cable fittings and equipment are secure, undamaged and Adequately protected.

**TRAININGS AT QATAR:**

- ▶ GE EST-3 (EDWARD SYS) Fire Alarm Panel Installation and Software Integration Training from CESCO Qatar.
- ▶ Health & Safety Environment training from FMM.
- ▶ Fire Fighting and First Aid training from ENERTECH Qatar.

**Mar 2011 – Sep 2013 :****EDUSPIRE INDIA PVT LTD, BANGALORE.**  
**Sales & Service Engineer.****Nature of Work :**

Responsible for Providing service and customer support during field visits or dispatches, Managing all on site installation, repair, maintenance and test tasks & Diagnosing errors or technical problems and determining proper solutions.

**Responsibilities:**

- ▶ Configuration, integration and testing of installed systems, applications & software.
- ▶ Preparation of Technical Documents-Functional Test Procedure and report.
- ▶ Supervision for the field lead team technicians and Co ordination.
- ▶ Organization of schedules and planning for implementation of the installation and commissioning of all Security systems.

**Jan 2010 – Mar 2011 :****PVS SONS SERVICES SINGAPORE PTE LTD.**  
**Electronics /Instruments Technician.**  
  
**Project Client :** **KEPPEL OFFSHORE & MARINE LTD.****Description:**

This Project involved in Ship Construction (Installation, Testing and Maintenance). As an instrumentals' technician responding to test, calibrate, install, repair, and inspect manufacturing equipment and monitoring devices. And also perform general maintenance on the equipment and design new measuring and recording equipment.

**Responsibilities:**

- ▶ Maintenance of & repair electronics equipment such as motor control & pneumatic and hydraulic equipment.
- ▶ Conducting inspection with clients for installation and testing of fire alarm system with other Security Systems
- ▶ Directly involved in the pre-commissioning site activity testing.
- ▶ Conducting of commissioning and testing as per procedures and check list.
- ▶ Termination of PLC control panel's board.
- ▶ Carrying out panel board cable termination and loop checking of process control instrument's
- ▶ Organization of schedules and planning for implementation of the installation and commissioning of all systems.
- ▶ Receives work assignments from Engineer with comments on required work, examines faulty equipment to determine work scope and requirement, obtains necessary tools, documents, spare parts and proceeds to worksite to carry out the job with Safety and PPE'S.



**Jun 2006 – Dec 2009 :**

**SCIENTIFIC TECHNOLOGIES INDIA PVT LTD.**  
**Instruments Field Service Engineer.**

**Responsibilities:**

- ▶ Involved in Commissioning activities such as system check out and instrument calibration.
- ▶ Preparation of Auxiliary console layout, system block diagram, cable block diagram etc.
- ▶ Involved in Customer training & installation supervision.
- ▶ Involved in Preparing Calibration and Validation Certificates & All Type of Documentation Works.

---

**Software Used:**

Tool : WinMac, Q-CON, LINCNET (Access Configuration tool).  
Controller : XLS 1000 for Fire & Safety System using WINMac & METASYS Software, XL  
5000 Series /XL 28 of Control system for HVAC Automation, IQ Series for Access Control system, HNDR Series and DVM (Digital Video Manager) in CCTV Surveillance System .

**Salary Benefits:**

Expected benefits : 2600 \$ PM + allowances

---

**ACADEMIC**

- 2006 Higher Diploma (Electronics & Communication) Tamilnadu, India
- 2003 Higher Secondary Certificate (HSC) Tamilnadu State Board
- 2001 State Secondary Certificate (SSC) Tamilnadu State Board
- 2006 Academic Project: Micro Controller Based Lift Control.

**TRAINING / CERTIFICATION**

- Networking with Cisco Router course certificate.
  - Computer Hardware and Networking course certificate.
  - Active member of "National Service Scheme"
- 

In view of the above, I request you to give an opportunity to serve your esteemed organization in the capacity mentioned above for which act kindness. I shall be very thankful to you.

\_\_\_\_\_  
(Kannan. K)

Date: