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**RESUME**

**POSSITION APPLIYING FOR : OFFSHORE ELECTRICAL TECHNICIAN**

NAME : S.RATHINAMARIAPPAN.

FATHERS NAME : S.SANKARALAINGAM.

DATE OF BIRTH : 03-02-1982.

NATIONALITY / RELIGION : INDIAN / HINDU.

MARTIAL STATUS : MARRIED.

LANGUAGES KHOWN : ENGLISH, HINDI, TAMIL & MALAYALAM.

QUALIFICATION : DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING.

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PERMANENT ADDERSS : 64, SOUTH CAR STREET,

VELLAIKOTTAI,

ARUPPUKOTTAI,

VIRUDHUNAGAR DIST,

TAMILNADU.

**CAREER OBJECTIVE:**

To work in affirm with a professional work driven environment where I can utilize and apply my knowledge, skills with which I would be able to fulfilling organizational goals.

**DOCUMENTS DETAILS:**

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| **DOCUMENTS** | **CERTIFICATE NO** | **DATE OF ISSUE** | **DATE OF EXPIRY** | **PLACE OF ISSUE** |
| PASSPORT | N8841906 | 31/03/2016 | 30/03/2026 | MADURAI |
| INDOS NO | 16HL2405 | 04/08/2016 | UNLIMITED | INDIA |
| CDC NO - **PANAMA** | P0205589 | 04/04/2017 | 04/04/2022 | MUMBAI |
| DRIVING LICENSE | TN67W20160000269 | 05/02/2016 | 02/02/2032 | ARUPPUKOTTAI |

**COURSES DETAILS (STCW-2010):**

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| **COURSES NAME** | **CERTIFICATE NO** | **DATE OF ISSUE** | **DATE OF EXPIRY** | **PLACE OF ISSUE** |
| E.F.A | EFA/B1302/09 | 20/07/2016 | UNLIMITED | CHENNAI |
| F.P.F.F | FPFF/B1205/03 | 23/07/2016 | UNLIMITED | CHENNAI |
| P.S.T | PST/B1459/03 | 27/07/2016 | UNLIMITED | CHENNAI |
| P.S.S.R | PSSR/B1477/03 | 30/07/2016 | UNLIMITED | CHENNAI |
| H.U.E.T | HUET/02/11/02/06/2016 | 12/11/2016 | UNLIMITED | MUMBAI |
| H2S | H2S/2017/01/2017 | 23/01/2017 | 23/01/2019 | MUMBAI |

**EDUCATIONAL DETAILS:**

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| --- | --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **GRADE** | **BOARD/UNIVERSITY** | **PERCENTAGE** |
| DIPLOMA | Sri Sowdambika Polytechnic College | First Class With Honours | Department of Technical Education  Tamil Nadu | 83.54% |
| SSLC | DHSS Aruppukottai | First Class | The Government Of Tamil Nadu | 61.20% |

**ORGANIZATIONAL EXPERIENCE:**

**Apr’2016 to till date Larsen & Toubro Limited (Control & Automation) Mumbai Offshore as Commissioning Engineer,**

**Project handled:**

Project: Project on Remote Telemetry Units (**RTUs**) at Well Head Platform.

Installation, commissioning, and maintenance of **V-SAT** and Network Monitoring, Activity in offshore and onshore for O.N.G.C

Client: **ONGC-MH asset**

Role: Commissioning Engineer

**Responsibilities:**

* Site surveys and Maintenance of Telvent RTU.
* Daily Discussion with Client regarding work progress and providing the work plan.
* Managing a team of Vendors and Sub-contractors.
* Preparation of IO and Cable Schedule.
* Programming the RTU using tools like CATConfig v7.3.3 and ISAgraf v3.5.
* Setting up Communication and integrating the system with ABB SCADA (SCADAVANTAGE) using either IEC-104 Protocol over TCP/IP or IEC-101 Protocol over Serial Communication depending upon type of Radio available.
* Setting up Communication and integrating the system with OCC (Telvent OASyS) SCADA using IEC-104 Protocol over TCP/IP.
* Setting up Communication and Integrating the system with ODS SCADA (SQL based ONGC SCADA) and LPD (GE FANUC Quick panel) using Modbus Protocol over TCP/IP.
* Loop testing for AI, DI, DO and RTD signals.
* Hands on experience on troubleshooting of Pressure/Temperature/Differential Pressure transmitters and Solenoid Valves.

Performing Data Validation and Completion Certificate.

* Checking the carrier level of remote site through   spectrum analyzer.
* Monitoring the Transmit Power and Eb/no of remote Site in VSAT HUB.
* Operate and maintain a healthy VSAT network, organizing resources and configuration requirements, troubleshooting.
* Diagnosing problems in a professional and faster way, proactively monitoring, performing administration and optimizations of VSAT network performances
* Online monitoring of VSATS and HUB components on SCF computer

**Feb’2014 to Mar’2016 SAM FIRE SERVICES Mumbai Offshore as Electrical Technician.**

* Trouble shooting in control system of Emergency generators, Air compressors, Water maker, Pedestal / Overhead Crane, Chlorinators, Lighting Systems, Galley equipments, Laundry equipments, Navigational-Aids, Foghorns, Wellhead Platform equipments, etc.
* UPS, LT& HT Switchgear, Battery & Battery Chargers, Chlorinator, Water Makers, HT and LT drives of pumps, compressors etc.. Adhered to the QHSE policies.
* HT and LT Switchgears: Operation and maintenance of HT and LT switchgears.(HT : Hitachi and Westinghouse, LT: Siemens, Gold Star, Stromberg, etc.)
* Transformer Maintenance. Changing Oil; Changing Brass bar; Troubleshooting.
* Making Panel Boards; Checking boards periodically;
* Glycol Pump Motor Servicing
* Regular plant and field maintenance
* Compressor Motor(45 hp) Checking And Starter Maintenance
* Installation of HVAC Distribution auto transformer(160KVA)
* Installation of lighting panel, control panel, UPS panel, HVAC power and control panel.
* Cable tray (Prep rated Tray, Ladder Tray) fabricating and installing.
* Installation of street light pole and high pressure sodium vapour lamp, HPMV.
* Cable laying from 1 sq.mm to 240 sq.mm in trench and trays.
* Cable gland and termination in panel side and field equipment side.
* Installation of Instrument JB and frame.
* Electrical power and Instrument primary & secondary cable testing.
* Installation of instrument secondary cables from JB to field instrument.
* Installation of fire detecting equipment. ( Manual call point, Bell, Beacon, Gas detector(METHANE)Combined heat and smoke detector)
* Installation of telecom equipment (Speaker, Badge reader, Exit push button, Status contact, EEX speaker &JB.
* All Type Motors Servicing And Bearing Changing
* Industrial type Battery Bank Assembling (280Ah, 120V).
* Substation indoor and outdoor Lighting.
* Installation of lightning arrestor.
* Industrial wiring.
* Installation of Online UPS and Inverters.
* Wiring for Lighting, Power, UPS and DATA Points. (Industrials and Administrative Office)
* Turbine Cooling Fan Motor daily Maintenance
* Lighting, Fire alarm system, UPS and Battery bank installation and testing
* Control, Instrument and Power cable testing
* Switchgear Operating Procedures & As built drawings Erection Work of the electrical installations

**Dec’2008 - Dec’2013 Siemens (SD Middle East LLC), Dubai, UAE as BHIS Engineer, Abu Dhabi Airport Company**

**Role:**

* Supervising a team of Supervisors, Lead Technicians and Technicians (Electrical /Mechanical) Field Operators.
* Providing services & solutions for the Baggage Handling Information System.
* Interacting with client regarding ADAC facility management, coordinating for BHS operations and maintaining clients like ADAC, Etihad, MAF Dalkia & Ground Handlers.
* Handling maintenance and operations of baggage handling system of Terminal 3 Abu Dhabi airport in the respective area of BHS system to ensure system availability on demand.
* Responsible for maintenance planning and control in order to achieve overall targets of system availability.
* Ensuring planning & implementing preventive maintenance program in place.
* Handling preventive, predictive & corrective maintenance and ensuring that all work procedures are in accordance with airport regulations, statutory compliances & OEM recommendations.
* Monitoring safety of personnel, equipment and facilities.
* Documenting & updating maintenance activities, spares consumption as per QHSE & Quality policies of SD ME LLC.
* Reporting & submitting status report to customers on timely manner and daily material flow Statistics Report and Daily Shift Alarms to O&M Manager & clients.
* Demonstrating system & safety procedures to clients, new employees and third party.
* Responsible for arranging adequate manpower along with tools & tackles at site.
* Fixing operational & technical faults on field with minimum down time during operations to increase system availability.
* Involved in monitoring BHIS network and material flow with the use of SCADA and CCTV System.
* Accountable for maintaining consumables & spares in the store and submitting monthly consumption report to the manager.
* Managing a gamut of activities like preparing KPI, Roster, PM Schedule calendar, Timesheet, Daily Shift Report, Shift Alarm Report, PM Work Order and CM Work Order.

**May’2005- May’2008 M/s Cybork Automation Solutions, India as System Engineer,**

**Role:**

* SCADA Application development by W INCC & W INCC FLEXIBLE Software.
* Ladder Logic development of Siemens S7-200 using Micro win and S7-300, S7- 400 PLC using Simatic Manager Software.
* Development of Project Manuals for the corresponding Projects.
* Responsible for checking all sequences by Simulator Software.
* Performing testing, troubleshooting & commissioning of PLC Panels at customer site.

**ADDITIONAL QUALIFICATION:**

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* AutoCAD in Diagonal CADD at Chennai.
* Basic Course in Automation at Prodesign Training Centre, Chennai in 2007.
* Advanced Course in Industrial Automation at Prodesign Training Centre, Chennai in 2007.
* Distributed Control System (Siemens PCS7) at Prodesign Training Centre, Chennai in 2014.
* Course in Emergency First Aid at Work (DCAS) at Eurolink Safety, Dubai.
* Course an IOSH Managing Safely course at Green World Group in Dubai.
* Course in SINAMIC S120 Service and Commissioning in SITRAIN Dubai.

**DECLARATION:**

I hereby declare that all the above statement made in the application are true complete and to the best of my knowledge and belief.

Place: Signature of the candidate.

Date: (S.Rathinamariappan)