

SARAVANAN.V

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Carrier Objective

Seeking good environments that encourage continuous learning and provides exposure to new ideas and stimulates personal and professional growth.

Certifications

- **Certificated Data Center Professional (CDCP)** accredited by EXIN from EPI.
- **Data Center Certificated Associate (DCCA)** by Schneider Electric.
- Diploma of Basic automation in **PLC, control panel and HMI**.

Professional Experiences (5 plus years of experience in Facility and Network)

Data Center Facility Engineer

Almoayyed International Group

Mar 2019 – Present

Kingdom of Bahrain

Client: Batelco (Batelco telecommunications) (Tier 3+ DC-Uptime certificated)

- Manage the O&M of the Tier 3 Data Center.
- Operations and Manage both routine maintenance and emergency services on a variety of critical systems such as: switchgear, generators, UPS systems, power distribution equipment, chillers, cooling towers, computer room air handlers, building monitoring systems, fire suppressions systems, water leak detections systems, fire alarm systems, vesda, CCTV, access control systems, emergency lighting etc.
- Operations and Manage both routine maintenance of the Mechanical systems in critical Data Center operations include but not limited to CRAC/CRAHs/AHUs, chillers, cooling towers, storage tanks, chemical system, heat exchangers, piping systems, pumps, valves, duct systems, fans, dampers.
- Responsible for maintaining proper temperature and humidity present in data center area, PPM activities, other all operations and procedures ensure to be followed from ASHARE and ISO standards.
- Responsible fiber, copper cable(cat5,6,6a) installation and installation of patch panel, cable manager, network devices in a rack.
- Responsible for overall data center end to end operations and maintenance in both normal and emergency time with vendor team and facility team.
- An excellent understanding of other facilities systems used in Data Centers and Mission critical facilities, including but not limited to fire detection and suppression systems,

plumbing and drainage systems, Building Monitoring Systems, automatic control systems.

- Implementation of all MOP, SOP and EOP of all equipment.
- Plan Prepare and Execute Planned, Predictive and Corrective Maintenance of all equipment in the data center and facility.
- Prepare /Generate Monthly reports.
- Any activities assigned by the management related to the operation of DC.
- Implement the quality policy of the company.
- Oversee the day-to-day operations and maintenance of mechanical and electrical equipment in a data center.
- Demonstrated history of working in the power generation and service industry.
- Commissioning and Decommissioning DC Equipment racks (Servers, load balancer, routers, switches, STS, rack, pdu's) and cable planning, server, networking operations.
- Assist the facility manager and network manager in managing and maintaining the facility.
- Work with IT managers and other business leaders to coordinate projects, manage capacity, and optimize plant safety, performance, reliability and efficiency.
- Ensuring that all work performed is in accordance with established practices and procedures.
- Engineering operations within a Data Center including risk management and mitigation, corrective and preventative maintenance of critical infrastructure, vendor management and metric reporting.
- Design and review a Single Line Diagram (SLD) of overall sites, cable routes and others.
- Attend, guide and explain to the new and existing customers in colocation data center for their visits and other O&M related activities.

DATA CENTER SUPPORT ENGINEER

Hayat Communications

Mar 2018 – Mar 2019

Sultanate of Oman

Client: Ooredoo Communications (Tier 3+ DC)

- Manage the O&M of the Tier 3 Data Center.
- Monitoring and troubleshooting of all mechanical, electrical, HVAC systems, piping systems, pumps, valves, duct systems, fans, dampers, voice/data, water treatment systems, etc.
- Responsible for overall data center end to end operations and maintenance in both normal and emergency time with vendor team and facility team.
- Perform site walkthroughs to verify proper operation of Facility Equipment and Monitoring Systems like HV/MV systems, UPS systems, PDUs, ATS, STS, SLA/VRLA batteries, HVAC systems, Generators, Sprinkler systems, Fire safety systems, and BMS systems.

- Acting as the facilities first responder in critical events.
- Work with DCO managers (IT) and other business leaders to coordinate projects, manage capacity, and optimize plant safety, performance, reliability, sustainability, and efficiency.
- Responsible for the installation of the racks and the provision of power/cooling.
- Assist in the design, implementation, commissioning and build out of new facilities.
- Develop reliability reports to ensure availability and capacity targets are achieved and maintained with 100% uptime
- Coordinate, and oversee all maintenance vendors to ensure personnel safety, protect the Facility's critical equipment, and maintain power to the critical load.
- Site inspections and monitor the DCIM, establishing performance benchmarks, conduct analyses and prepare reports on all aspects of the critical facility operations and maintenance.
- Troubleshoot and Run Diagnostics, Conduct Preventive Maintenance and Emergency Repairs on Critical Facilities Equipment within the Data Center as specified and on schedule.
- Planning and execution of power provisioning to the Server Racks, Network systems as per the customer requirements along with the material in the stipulated time.
- Ensuring 24/7 monitoring of CCTV & Access controlling by SIMS and DCIM.
- Ensuring 24/7 Network support to the onsite Customer.
- Ensuring 24/7 data center temperature and cooling maintaining as per the standards.
- Design and review a Single Line Diagram(SLD) of overall sites, cable routes and others.

MULTI SKILL TECH

Trident Wings Corporate Pvt. Ltd., & Suryaa Facilities Pvt. Ltd

Sep 2016 -Mar 2018

Chennai, India

Client: Reliance Internet Data Center (Tier 3 DC)

- Datacenter Engineer in the infrastructure department, working on Responsible for overall Operation & Maintenance and New implementation and old equipment dismantling of Datacenters 24/7/365
- Manage the O&M of the Tier 3 Data Center.
- Responsible for overall data center end to end operations and maintenance in both normal and emergency time with vendor team and facility team.
- Datacenter operation management, and dealing with data center equipment (HVAC, Power sources, network).
- Operation and maintenance of Datacenter facility including equipment such as Emerson Liebert UPS, battery banks, power sources FDC's. Moreover, monitoring form software for D.C. equipment
- Developing and creating Preventive Maintenance checklists and forms.

- Managing Data Center Security Access control, Implementation of SIEMENS BIOMETRIC access security control system Configuration and commissioning of the control system software, Monitoring, and updating database.
- Decommissioning DC Equipment (Servers, load balancer, routers, switches).
- Support for Implementation of All types of server Devices in data center.
- Management of the team of Data Center Technicians; this includes all aspects of people/performance/rotation management.
- Ensuring effective and efficient management of day to day Datacenter Operations.
- Manage/Improve the workflows and throughput for data Centers Operations.
- Part of an on-call rotation for Datacenter Issue escalations.
- Vendor management/monitoring vendor performance.
- Ensuring Data Center is compliant with all relevant security policies and procedures.
- Ensuring Planned preventive, corrective and reactive maintenance of all data center equipment's like UPS, HVAC, DG, WLD, VESDA, FAS, CCTV, FSS and DCIM.
- Prepare site survey and pre-installation reports.

ELECTRICIAN

Aaditin Electricals Pvt. Ltd.,

May 2015 – Aug 2016

Chennai, India

Client: Multiple IT Companies, Commercial Buildings and Industries

- Testing and commissioning LT, HT panels, transformers, Breakers, Fire, safety devices, including BMS systems also. well experienced in handling these functional operations.
- Planning and execute annual electrical maintenance with Planned preventive maintenance activities on sites.
- Diesel Generators Monthly, Quarterly Planned Preventive Maintenance and service.

Equipment's Handled

- Operation and Maintenance of TRANSFORMERS.
- Operation and Maintenance of DG Sets.
- Operation and Maintenance of HVAC
- Operation and Maintenance of UPS, Drups and Battery bank sets
- Operation and Maintenance of Rectifier units with Battery bank sets
- Handling of SMPS.
- Operation and Maintenance of CHILLER, PAC, FCU, CCU, CRAC, AHU Units and Water Pumps, VFD etc.
- Capacitor bank for power factor improvement.
- Operation and Maintenance of all types of breakers with Load Management.
- Power provision for server STS, ATS Panel, LTM Panel, PDU and PDPM

- BMS, CMMS, SIMS, QMS and DCIM monitoring and reporting building technology solution.
- Troubleshoot of CCTV, Access Controllers VESDA, HSSD, FAS, FFS, FSS, WLD and SMOKE DETECTOR.

Technical skills

- Inventory management, vendor management and asset management
- Data Center design & monitoring
- Cable management and cabinet/racks
- Strong leadership and organizational skill to manage a team.
- Basic knowledge of Electrical AutoCAD and MEP designing and review.
- Well versed with MS-VISO (all MS-Office) and Internet Application.
- Documents preparations for Auditing and operations.
- Increase revenue by reducing spare usage and avoiding repeat failures.

Educational qualification

- Completed **Bachelor's Degree in Electrical Engineering (EEE)** in Paavai Engineering College at Namakkal, India - 6.7 CGPA with First class (2011-2015).
- Completed **H.S.C** in Government Higher Secondary School at Karur, India -74% (2009-2011).
- Completed **S.S.L.C** in Government Higher Secondary School at Karur, India -76%-(2007-2009).

Personal Profile

- Sex & Marital Status: Male & unmarried, DOB: 20th May 1994.
- Home address:4\136, Salipalayam, Kuppam (post), Aravakkurichi (Taluk), Karur(district),Tamilnadu(state) ,India (postal-639111).
- Communication skills: Strong verbal and written in English, Tamil, Malayalam and Hindi.
- Relocation: Willingness to relocate both Domestic and International.

Declaration

I hereby declare that the information provided is true to the best of my knowledge.

Regards,
SARAVANAN.V