

Contact Info

House # 9/53, Thiru valluvar street, Ashok Nagar,
Arakkonam, Vellore city, Tamilnadu, India.

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DOB: August 28, 1992

Career Objective

To obtain an SOLAR DESIGN ENGINEER position where, I will be able to contribute my skill, knowledge and experience to a company that will give me an opportunity to develop my career.

Areas of Expertise

Third party inspection, energy audit, switchgear operations & maintenance of power plants.

Performance analysis of pump, motor, testing of power Inverters & D.G monitoring.

Work Experience

CENTRAL POWER RESEARCH INSTITUTE From 8th JULY, 2015 to
"Present"



केन्द्रीय विद्युत अनुसंधान संस्थान
(विद्युत मंत्रालय भारत सरकार के अधीन स्वायत्त सोसाइटी)
Central Power Research Institute
(An autonomous society under Ministry of Power, Govt. of India)

Job Title: Graduate Apprentice Trainee (Testing Engineer), BOAT-SR

Department: Seismic Testing & Quality assurance Energy Efficiency & Renewable Energy Division.

Location: Prof.Sir C.V.Raman Road, Sadasiva Nagar, Bengaluru, Karnataka 560080 India.

Working Responsibilities: C.P.R.I is joint venture with applied research in electrical power engineering, efficiency and reliability in all spheres of activity.

ENERGY AUDIT & PERFORMANCE EVALUATION OF TEST

Auxiliary power consumption analysis, Heat rate and harmonic measurement of,
Organization : M/S Karnataka Power Corporation limited, RTPS
Project Area : 2 X 210 MW Unit # 1& 2, Thermal Power Stations, Raichur.

- Analysis Wind & solar Data parameters, collecting solar radiation 7.15 KWh/ sq.m.
- Installation of Motor Pump Set (Surface, submersible) & photovoltaic panels.
- Installation & Commissioning of Solar Power Plant, Technical support of Internals.
- Field testing of solar photovoltaic water pump test as per MNRE specifications.
- IP 54, protection testing of inverters & Controller for BLDC motor drives.
- Testing of solar home lighting systems as per JNNSM & MNRE specifications.
- Knowledge of Solar PV Power plant Components, Sub-systems & Energy metering.
- Operation & Maintenance of Solar PV Power Plants, ultrasonic flow measurements.
- LT & HT electrical power measurements, Testing & monitoring of Control panels.

- Flue gas analysis (Coal handling isometric test) & measuring efficiency parameters.

HOFINCONS INFOTECH & INDUSTRIAL SERVICES

From "9, May, 2014 to 7, July, 2015"

Hofincons (A Division of Qness Corp Limited)

Job Title: Technician

Department: Electrical Maintenance & service

Location: 4th floor S.V Towers, No. 27, Koramangala, 80ft Road, 6th Block, Bengaluru 560095.

Working Responsibilities: Hofincons is joint venture with maintaining & servicing of Industrial.

- Working on operation and maintenance of Electrical systems.
- Day-to-day operations, including production planning and estimation.
- Preparing and monitoring energy management.
- Prepare site management, scheduling and execution.
- Repair and refurbishment of major components.
- To work as a Comprehensive maintenance of facilities.
- Shutdown services, preventive maintenance.
- Plant staffing, plant performance monitoring.
- Operation and electrical installation of the service.
- Maintenance & operation of LT panels.
- Attend & service minor faults of indoor / outdoor (Air circuit breakers, MCCB).
- Failure analysis and condition monitoring.
- D.G operation and maintenance up to 1250 KVA.
- U.P.S, AHU, Elevator operation & maintenance.
- Ability to identify problem areas and resolve maintenance issues.
- Vendor co-ordination for services.
- Maintaining history card for equipment breakdowns and component failure.
- Facility management services.

Types of Measuring & Instruments Handled

- Hydro meter, Megger tester
- Crimping tools, ohm meter
- Drilling bit, torque wrench
- Fluke-thermal imager, Thermo meter
- Clamp meter, multi meter

Academic Background

<u>Education & Institute</u>	<u>Board & University</u>	<u>Year</u>
B.E (E.E.E) Thirumalai Engineering College	Anna University Chennai	2014
H.S.C St. Andrew's hr.sec.school	Department of government education chennai	2010
S.S.L.C St. Andrew's hr.sec.school	Department of government education chennai	2008

Professional Qualifications

Certification

Certificate in Auto CAD

Institute

Apollo computer education ltd

Year

2013

Computer Knowledge

- Programming Languages
 - C
 - MS DOS, Windows 98, 2000, 2007, XP
 - MS Office , MAT LAB
- Operating systems
- Other packages

Personal Dossier

- Father's Name
 - Ezhil Doss K
- Marital status
 - single
- PAN Number
 - CDUPM2752C

Languages known

- ◆ English
- ◆ Kannada
- ◆ Tamil

Interest & Activities

- ◆ Design & Production
- ◆ Testing & Quality assurance
- ◆ Operation & maintenance

Personal Qualities

- Work scheduling and planning skills.
- Positive thinking, right attitude.
- Good Inter-personal, leadership skills.

Declaration

- The above mentioned details are true to my knowledge and if necessary additional proofs will be provided.

➤ PLACE

➤ DATE

Signature

(MAGESH.E)
