MAGESH.E



***Contact Info***

**House # 9/53, Thiru valluvar street, Ashok Nagar,**

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**Mobile +91 9035923812**

**Passport # M 7908117**

**E\_mail:**[**ezhildossmagesh@gmail.com**](mailto:ezhildossmagesh@gmail.com)

**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”**



**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”**

** (A Division of Quess 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*

# *Education & Institute Board & University Year*

**B.E (E.E.E)**

**Thirumalai Engineering College**

**2014**

**Anna University Chennai**

**H.S.C**

**St. Andrew’s hr.sec.school**

**2010**

**Department of government education chennai**

**S.S.L.C**

**St. Andrew’s hr.sec.school**

**2008**

**Department of government education chennai**

# *Professional Qualifications*

# *Certification Institute Year*

**Certificate in Auto CAD**

**2013**

**Apollo computer education ltd**

# *Computer Knowledge*

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

# *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)