

# KARTHIKEYAN P



Electrical and Electronics Engineer

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A Young Engineer looking for a job opportunity in field Power System for improve my Knowledge in that field as well as the development of Organization.

## PROFESSIONAL SKILLS

Basic Simulation Knowledge-**ETAP18.0,PSCAD**  
Drawings Software **CAD, ECAD-AutoDesk**  
Hydro Electric Power Generation-**2X5Mw**  
O&M of Turbine-**Horizontad Francis type** and Generator  
O&M of **33Kv/11kv** Switchyard  
O&M of Breakers(**SF6,VCB,ACB**)  
Relay Testing(EM type)  
Construction of **400Kv** Switchyard Extension work  
Transformer Oil Filtration  
Electrical Utility  
Electrical Safety  
ISO 9001:2015,14001:2015,18001;2015  
Electrical Document Handling and Preparations.

## TECHNICAL SKILLS

Knowledge in **MATLAB**  
Automation Software **PLC-AllenBradly, SCADA-WonderwareIntouch**  
**C, C++** Programming  
**Python** Scripting Knowledge  
Computer Hardware  
Operating Systems-**Windows**  
Computer Networking.

## CERTIFICATIONS AND LICENSE

Electrical B Grade License Holder from KSEB with 25KVA Installation Capacity.  
Auto CAD-Electrical  
Certified Automation Programmer in PLC, SCADA.

## WORK HISTORY

### CONSULTANT-ELECTRICAL

#### TATA POWER DELHI DISTRIBUTION LIMITED

29/04/2019-28/04/2020

#### Duties & Responsibilities

- 3<sup>rd</sup> Party Quality Inspection work for the project of IPDS/DDUGJY for DISCOM Karnataka.
- Inspection up to 11KV(feeders,DT,HT Line, Metering). 3. SLD Preparations for the Project by using CAD Software.
- BOM, Invoices Handlings.
- Officers Meeting (DISCOM, REC, PFC) regarding Project.
- Work Co-ordination and Knowledge Sharing with Contractors 7.Report Preparations, Handlings and submission.

### SITE SUPERVISOR (400 KV switchyard Extension work)

(Under a Sub-Contractor of BLUE STAR INDIA PVT Limited, Chennai)

For M/S POWER GRID CORPORATION OF INDIA LIMITED Udumalpet, Tamilnadu.

02/2018-01/2019

#### Duties & Responsibilities

- Site supervision of 400 KV EHT substation and Construction works
- Erection of SF6 Breakers, CTs, CVTs, Isolators, LAs
- 400 KV Relay panel Erection and Cabling works and panel board wiring works.
- Breaker panel, CT panel, VT panels control wiring & termination works.
- Conducting safety meeting before starting work and check worker Safety and health condition.
- Prepare of daily work schedules
- Preparation of complete material requirements and submit to the superiors.
- Daily and weekly reports preparations and submit to the superiors.

## ELECTRICAL ENGINEER

**M/s. BHORUKA POWER CORPORATION LIMITED (BPCL). 2\*5 MW Hydro Electric Power Plant.**

10/08/2015-19/04/2017.

### **Duties & Responsibilities**

- Operation and maintenance of 2\*5 MW Hydro Electric Power Plant.
- Operation and maintenance of 11KV/33KV Switchyard Equipments (Power transformers, Vacuum Circuit Breakers, Air Circuit Breakers, Current transformers, Potential transformers, Lightning Arresters, and G.O.S etc.).
- Drafting of Single line Diagrams, Schematic layouts, Motor Circuits using Auto CAD & Electrical CAD- 2013.
- Fault identification and rectification by using Single line Diagrams.
- Involved in Annual Maintenance Works (Generators, Switchyard and Control Panels (PLCbased)).
- Testing and Installation of Electrical equipments, Transformer oil filtration (BDV test).
- Testing and calibration of Electro Mechanical type Relays, meters, sensors (RTDs, DTDs).
- Preparing of Form B reports, Generation reports and Break down reports, Preventive maintenance and Handling of Electrical documents.

## ELECTRICAL SUPERVISOR

**M/s POWER BEST ELECTRICALS PRIVATE LIMITED, Palakkad.**

12/2013-02/2015

### **Duties & Responsibilities.**

- Erection of HT substation,
- Design of Electrical systems (Double pole structure, Single pole structure, and Panel boards by using Auto CAD-2013).
- Installation of HT and LT equipment,
- Control panel, Distribution Boards Drafting and Wirings.
- Reading and analyze the problems by using Single Line Diagram.
- UG Cable laying and Termination works.

## EDUCATION PROFILE

- **B.E** (Electrical and Electronics Engineering) from Anna University, Chennai in April 2013 with CGPA of 7.48.
- **Diploma** (Computer Hardware and Maintenance) from Government Polytechnic College Palakkad in April 2010 With 69%.
- **SSLC** from Bhagavathi Government Higher Secondary School Vannamada, Palakkad in March 2007 with 75%.

## PERSONAL INFO

Personal Qualities : Smart worker, Flexible, Having Analytical and Problem solving skill.  
Date of Birth : 17/05/1992.  
Nationality : Indian  
Passport Num : R0533636.  
Address : Canara Bank OPP, Vannamada PO, Palakkad, Kerala-678555.

## DECLARATION

I do hereby declare that the above particulars are true to the best of my knowledge and I assure you that I will work earnestly and fulfill the expectation of my superiors.

Date:

Place- Palakkad

Karthikeyan P

