**POSITION: RELAY TESTING ENGINEER**

*Experience Highlights: 3years 5months*

***OBJECTIVE:***

Looking for a position to utilize my skills and abilities in a professional organization that offers professional growth while being resourceful, innovative and flexible.

***AREAS OF EXPERTISE***

* Testing and commissioning of Control & Relay Panels for **Transformer Protection, Line Distance Protection, Line Differential Protection, Busbar Protection, Feeder Protection Numerical Relay testing.**
* Configuration as per schematic diagram & Testing of Protective Relays for various needs.
* Testing of accessories relays such as Over Load Relays, Thermal Over Load Relays, Check Synchronizing Relay, Definite Time Relay, Under Voltage Relay, Over voltage relay, Timer Relay, TCS relay.
* Inspection of Control and Relay Panel, preparation of Test Report for sub- station, Power plant, and Process plant.
* Schematics - DC Logics Checking (ABB, SIEMENS, BHEL, GE, L&T, etc.)
* Ferrule verification and updating in As Built Drawing.
* Good understanding, analysis and interpretation skills on Protection.

*PROFESSIONAL DETAILS:*

* **B.E., Electrical and Electronics Engineering** from Vins Christian college of Engineering with **7.23 CGPA(2010-2014).**

*PROJECTS:*

* **400/220kV NTPC TANDA THERMAL PP:**
* Testing & commissioning of 4 line bays, 2 Station transformers, 2 ICT, 2 Generating transformers with Bus bar protection.
* **PGCIL\_220/132kV PURNEA SUBSTATION:**
* Testing and Commissioning of line bays in 132kV.
* NTAMC Integration of 7 bays in 132kV.
* **BSPTCL\_220/132kV PURNEA SUBSSTAION:**
* Testing and Commissioning of line bays in 132kV.
* **PGCIL\_400/220kV MAITHON SUBSTATION:**
* NTAMC Integration of 3 bays in 400kV.
* **PGCIL\_400/220kV MUZAFFARPUR SUBSTAION:**
* NTAMC Integration of 3 bays in 400kV.
* NTAMC Integration of 2 bays in 220kV.
* **PGCIL\_220/132kV SILIGURI SUBSTAION:**
* NTAMC Integration of 7 bays in 132kV.
* **PGCIL\_400/220kV BARIPADA SUBSTATION:**
* NTAMC Integration of 6 bays in 400kV.
* **PGCIL\_220/132kV BIRPARA SUBSTATION:**
* NTAMC Integration of 5 bays in 132kV.
* **PGCIL\_400/220kV GAYA SUBSTATION:**
* NTAMC Integration of 2 bays in 220kV.
* **PGCIL\_400/220kV KISHANGANJ SUBSTATION:**
* NTAMC Integration of 4 bays in 220kV.
* SCADA signals configuration & Testing.

**Factory Testing** in **Siemens** India Pvt.Ltd. Goa.

* Scheme checking & Corrections.
* Testing of Control & Relay Panels (Transformer,Line,TBC,BC,TIE) 6.6kV to 765kV Substation.
* Bay Interlocks checking, SCADA Signals testing.
* Megger Test, HV test upto 2kV.

*Software Handled*

ABB -PCM600(UptoLatestversion2.8)

SCHNEIDER -MicomS1 Studio

ALSTOM -Micom S1 Agile

SIEMENS -DIGSI 4, DIGSI 5,Reyrolle.

*Experience with ABB*

REL670–Line Distance Protection

RED670–Line Differential Protection

*Experience with Alstom*

P444 –Line Distance Protection

P543–Line Differential Protection

*Experience with SIEMENS*

* 7SJ80X : Over Current Protection.
* 7VK6 : LBB relay.
* 7UT6X : Transformer Protection
* 7SA52 : Line Protection
* 7SJ6X : Multifunction Protection.
* 7SS52 : Bus bar protection.
* 6MD86, 6MD85 : Bay control unit.
* 7SD52 : Cable differential Protection.
* 7UM85 : Generator protection.
* 7SRXX : Over current & Differential Protection.

*Test Kit Handled*

OMICRON (CMC-256,CMC-356)

DOBLE F6150

# PRESENT& PREVIOUS EMPLOYER

|  |  |  |
| --- | --- | --- |
| Period | Designation | Company Name |
| NOV 2014- to NOV-2015 | Graduate Engineering Apprentices. | **Avalon Technology Pvt Ltd.,Chennai.** |
| JUNE 2016 TO Dec-2018 | Relay Testing Engineer | **Sun & Jay Engineering Pvt Ltd.,Chennai**. |

**CERTIFICATION:**

* Diploma in **Electrical CADD**.
* AutoCAD Electrical, AutoCAD 2D.

**PERSONAL INFORMATION:**

NAME :Senthilkumar.

DATE OF BIRTH :10.05.1993.

GENDER :Male.

LANGUAGES KNOWN :Tamil and English.

ADDRESS :C12/7, TNHB Colony,

Maharajanagar.

Tirunelveli.-627 011.

**DECLARATION:**

I hereby declare that all the particulars furnished above are true and correct to the best of my knowledge and belief.

Place: Yours Faithfully,

Date:  *(SENTHILKUMAR)*