**ARAVIND**

**Email**: [**aravind.379918@2freemail.com**](mailto:aravind.379918@2freemail.com)

**Objective:**

To join a progressive organization that provides me a highly motivated team to achieve a challenging position in Power System Protection and Automation.

**Work Experience:**

**FIRM NAME** :**GE** Formerly ALSTOM T&D INDIA LTD, Chennai.

**DESIGNATION** : Graduate Engineer Trainee, SAS cubicle manufacturing.

**PERIOD** : One year.

**Professional Synopsis:**

**CONTROL AND RELAY PANEL TESTING**

* Testing and validation of C&R cubicle for various voltage levels from 11KV to 765KV as per customer approved schematic drawings.

**Experience with SIEMENS Relays As Approved schematic Drawings**

1. 7SJ600 – O/C & E/F Relay
2. 7SJ61 – O/C & E/F Relay
3. 7uT61 – Transformer protection Relay
4. 7SJ63– Multiprotection Relay
5. 7UM-Generator protection Relay
6. 7SA62-Distance protection Relay
7. 7SD6 -CABLE Differential Relay

**Experience with Areva Relays As per schematic Drawings**

1 Micom P122,P120 – O/C & E/F Relay

1. Micom P441,P442- Distance protection Relay
2. Micom P220, P225– Motor protection Relay

4 Micom P111,P127 – Feeder protection Relay

5 MICOM P632,P633,P642-Transformer protection relay

**Experience with GE Relays As Approved Schematic Drawings**

**1** GE T60 –Transformer protection relay

2 GE D60-Distance protection relay

3 GE F650-Bay control,Motor protection,Feeder protection relays

**Executed Testing as per schematic like**

**1**, Project : 33KV, 6.6KV, Relay panel

Client : GINDAL STEEL&POWER LTD., ANGUL (ORISHA**)**

Through **: GE Formerly ALSTOM T&D INDIA LTD, Chennai.**

Duration **:** jun -2016 to july - 2016 (2 Months)

**2,** Project : 6.6KV, 0.415KV Relay panel

Client : M/s. Madras Cements Ltd., (TAMILNADU)

Through : **GE Formerly ALSTOM T&D INDIA LTD, Chennai.**

Duration **:** Aug -2016 to Oct – 2016 (3 Months)

**3,** Project : 765 KV / 400 KV Relay panel

Client :L&T Ltd ( Joint Venture of Western railway for traction )Through :**GE Formerly ALSTOM T&D INDIA LTD, Chennai.**

Duration **:** Nov -2016 to Dec -2016 (2 Months)

**4,**Project : 110kv/11kv GM SUGARS LTD

Client :SIEMENS Ltd, HAVERI (BANGLORE)

Through :**GE Formerly ALSTOM T&D INDIA LTD, Chennai.**

Duration : January 2017 to Feb 2017 (2Months)

**5,**Project : 220kv/25kv switchyard at wagra(Gujarat)

Client :L&T Ltd ( Joint Venture of Western railway for traction )

Through :**GE Formerly ALSTOM T&D INDIA LTD, Chennai.**

Duration : March – 2017 to jun - 2017 (3 Months)

1. AC / DC scheme checking

## Synchronising Scheme check

## Testing of 11 KV CT’s & PT’s

1. MICOM P632 transformer protection relay
2. MICOM P441 Distance protection relay.

. Configuration of Numerical Protection relays ALSTOM MICOM & GE IED’s for various protection schem,

1.feeder protection, 2.generator protection 3.distances protection 4.differential protection.

* Good Hands on experience in testing protection schemes using Secondary Injection testsetOMICRON.
* Testing metering equipments like TVM,TRANSDUCER for using omicron.
* Analysing Disturbance files from numerical relays using WAVEWIN.
* Testing of all types of Electro mechanical /Numerical relays for variousapplications.

**PMU**

* Configuration of PMU’s with site details .
* PMU testing with global pps and IRIG-B time syn.
* Cisco router configuration as per customer detail.
* Phasor measurement and load flow analysis.
* RT430 GPS configuration and testing.

**SUBSTATION AUTOMATION SYSTEM (SAS)**

* Functional testing includes interlocking logics for Circuit Breaker and Isolators, PT, CT selection, NIT logic, AR and Sychronisation Check for CB close.

**Software Known To Handle:**

* MiCOM S1 Agile :Programming Alstom Protections
* UR SETUP : programming multi link relay
* OMICRON 3.0 :Simulations of Actual Faults with Various Protections
* WAVEWIN :Analysing DR files.

**Academic Record:**

* Bachelor of Engineering **B.E (Electrical & Electronics Engineering)**from Anna university(CSI College of Engineering)with 6.01CGPA
* Higher Secondary(MATRIC)in march 2011 with69.58%

Personal **Skills:**

* Effective and efficient working skill.
* Sincere, determined and cooperative.

**Personal Details:**

Date of birth : 01-09-1993

Gender :Male

Marital status :Single

Nationality : Indian

**Declaration:**

I hereby declare that all the information stated is true on best of my knowledge and belief. In the event of distortion of any fact, I obey the rules of the authority.