

**AJU KAR**

**B-Tech, Electrical Engineer**

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**Carrier Objective:**

To initiate my career in a technical organization where I could utilize my strong conceptual base technical knowledge and provide innovative solutions to technical problems.\_

**KEY RESPONSIBILITIES SUMMARY :**

- ❖ Overall 3 year experience on various Electrical Engineering field.
- ❖ Panel Designing : Switch gear & Accessories , Protection on panel , General arrangement of Diagram, maintenance & trouble shooting on live panel ,
- ❖ Electrical Designing : Solid works Electrical , Solid works Mechanical-Basic , E – Draw Max , E plan P8 –Basic Etc .
- ❖ Process Instrumentation : Sensor , Temperature Measurement , Selection guidelines , Mechanical Valves, Process Control ( close & open loop Controls ) , Pneumatic Control etc .
- ❖ Distribution Control System (DCS) : Hardware , I/O Modules , Communication , Redundancy etc .
- ❖ Motor & Variable Speed Drive : Operation & Limitation , DOL ,Star- Delta ,Parameter set on drive etc.
- ❖ Knowledge on Human Machine interface or HMI .
- ❖ Maintenance, Installation and servicing of various type Manual - based , Plc - based & CNC - based Machines.
- ❖ Testing of various type machine on customer site .
- ❖ Professional Training & Computer Proficiency : C , C++ , OOPS , DBMS , DS , Word , Excel ,PPT , PDF, Doc Etc .

**RELEVENT EXPERIENCE :**

**Teleois Automation Engineering & Services (I) Pvt Ltd.**

Greater Noida ,Uttar Pradesh ,

**Role : Asst. Electrical Engineer : ( Jun 2016 – Present )**

Design in electrical systems for Manual ,CNC and PLC based Machines and Installation of electrical equipment's and estimates electrical items like fixture, wires from drawing. Responsible for operation, maintenance, trouble shooting, monitoring and testing of electrical elements like Plc ,Cnc , HMI ,Relay , Contactor , Psr etc in Electrical panel or in a plant. Provide Electrical Engineering supports like outline, detail design installation and Commissioning of electrical elements. Installation of PCU (Power control unit), DC system and Inverters. Help to develop quality standard and ensure quality at customer site.

## **Yujing India Pvt . Ltd .**

Gurgaon , Haryana ( Feb 2015 – May 2016 ).

### **Role : Maintenance Engineer (ME )**

Working as a Maintenance Engineer to Plan and coordinate engineering processes to installation of Electrical Components and repair the existing of electrical infrastructure & effectively utilization of Glazing Bead Machine , Copy Router triple drilling Machine , CNC Corner Cleaning Machine , CNC Cutting Machine , Welding Machine , Glazing bead Machine etc . Identify unsafe condition of all machines & giving better maintainability and availability of all electrical components. Provide full support for better performance of all machines .

### **Phisons electric crop.**

Noida , U.P ( may 2014 - Jan 2015 ).

### **Role : Graduate training engineer (GET)**

Responsible for Electrical Engineering works and installation of electrical panel ( HT ,LT, Plc Control panel , Dol , etc) in apartments and houses and providing proper installation electrical equipments according to proper planning and providing electrical design according to lay out and size .

### **Project Handle :**

#### **AUTOMATIC TEMPERATURE CONTROL DEVICE :**

##### **Description:**

Automatic temperature control device can be used control various device to maintain a temperature. This temperature control application read a value from temp. Sensor and determine when to switch various device like fan, a.c , cooler, heater, bulb etc according to minimum and maximum temperature limit setting. It is a multipurpose project. So this project is a vital one to the environment and it a new step ahead in temperature or in Air condition Engineering field.

It consists of

- i. Power supply board
- ii. Micro-controller board
- iii. Relay interface system
- iv. Capacitor
- v. Sensor
- vi. LED
- vii. Register
- viii. Software
- ix. A.c, Cooler, Heater, Wire (as required)

### **Professional Training:**

#### **1. Programmable logic controller (PLC).**

**Title :** Summer Training

**Duration :** February 2014 - March 2014(1 month)

**Role :** Training by Siemens Plc

**Description:** Programmable logic controller or PLC is an industrial micro-controller system. Programmable logic controller or PLC is a digitally Operating electronics apparatus which use a Programming memory for the internal storage of instructions for implementing specific function such as Logic, Sequencing ,Timing , Counting & Arithmetic to control through Digital or Analog modules , Various type Machines or Process.

##### **Advantages of PLC :**

- 1.Flexibility in operation
- 2.Speed in operation
- 3.Reliability and Greater life
4. Reduced space & Easy of maintenance

## **Academic Background:**

<b>Qualification</b>	<b>College/School</b>	<b>University/Board</b>	<b>Year of passing</b>	<b>Percentage Of marks</b>
B.Tech (Electrical Engineering)	Maharaja Institute Of Technology, Bhubaneswar.	B.P.U.T, Odisha	2014	70%
Intermediate Of Science (Science )	Laxmikanta College, Bangriposi.	C.H.S.E, Odisha	2010	52.00%
High School	Golapmani High School, Saraskana.	B.S.E, Odisha	2008	63.00%

## **Achievements:**

- Block level Science Exhibition winner (2<sup>nd</sup> prize ).
- Monitor in my high school ( from class 8<sup>th</sup>-10<sup>th</sup>)

## **Hobbies and Extra Curricular Activities:**

- Listen to Music
- Spending Time with Family
- Friendly to Time.

## **Personal Information:**

**Date of birth:** 15 july 1993

**Gender:** Male

**Language Known:** Hindi, English, Odiya.

**Father's name:** Karunakar Kar

**Address:** Vill. Patiasimuli, Post. Digariastia , Ps. Kuliaana.

**District:** Mayurbhanj

**State:** Odisha

**Mob. No. :** +91-9692580799

**Pin code:** 757030

**Reason for Leaving:** For new challenges & better prospect.

## **DECLARATION**

I hereby declare that the information given above is true to the best of my knowledge.

**Place :** New Delhi( NCR)

**Date :**

**(Signature)**

