

AKHIL RAJ G

Mobile: +919746831949, 8848397744

Kochi, Kerala

Email: g.akhilraj@gmail.com



Career Objective:

Seeking a challenging, responsible position within a progressive organization, which will utilize my skills, abilities and education.

Experience Summary:

- Having 4 years and 3 months of experience in Project and Maintenance works in Industries.
- Designing of Electrical System.
- Preparation of Schematic diagram (SLD) as per govt. standards.
- Load calculation of the Electrical System.
- Preparation of panel board requirement as per the load.
- Preparation of Bill of Material.
- Preparation of Bill of quantity.
- Cable glanding and termination.
- Cable sizing, routing and laying.

Educational Details:

- **BTech** in Electrical and Electronics Engineering from Toc H Institute of Science and Technology under CUSAT.
- **Plus Two** From Model Technical Higher Secondary School, Kaloor,
- **10th** from Mary Matha Higher Secondary School, Thrikkakkara.

Computer Skills:

- Expert in AutoCAD Software.
- Excellent proficiency in MS Word, MS Excel, MS PowerPoint and MS project.
- Basic knowledge in EAGLE designing software.

Professional Career:

- **Safe Plus Energy and Contractors, India**
From September 2017 – Present
Project Engineer (Project Dept.)
Responsibilities -
 - Designing of Electrical System.
 - Load calculation of Electrical System.
 - Preparation of SLD of Electrical System as per govt. standard.
 - Panel board designing as per the load.

- Preparation of Bill of Material.
- Cable glanding and termination.
- Cable sizing, routing and laying.
- Structural fabrication and erection of equipment as per drawing.
- Fabrication of pipelines both SS and MS with different grade.
- Erection of pipelines
- Overall supervision for mechanical and civil works.

- **Jyothy Laboratories Ltd, Kerala, India**

From November 2016 – August 2017

Engineer (Maintenance Dept.)

Responsibilities –

- Installation of 750KVA USS Indoor transformer.
- Cable glanding and termination.
- Electrification of system.
- Maintenance of machineries.
- Preparation of the Electrical system as per safety standard.
- Maintenance of the Electrical System.

- **Kancor Ingredients Ltd, Kerala, India**

From September 2015 – October 2016

Project Executive (Project Dept.)

Responsibilities –

- Designing of Electrical System.
- Installation and commissioning of 500KVA Transformer.
- Load calculation of Electrical System.
- Preparing SLD of Electrical system
- Preparation of Bill of Material.
- Preparation of Bill of quantity.
- Overall Supervision for Building construction as per approved drawings.
- Fabrication of structure and erection of equipment as per drawing.
- Fabrication and erection pipelines for both SS and MS of different grade.

- **Rekha Electro Tech, Kerala, India**

From September 2014 – September 2015

Design Engineer (Project Dept.)

Responsibilities –

- Designing of Electrical System.
- Load calculation of system.
- Obtaining approval for schematic diagram (SLD) and arranging Inspection from Electrical Inspectorate.
- Cable routing and supervision for cable tray fabrication.
- Preparation of Bill of Material and Bill of Quantity.

Achievements & Milestones:

Fire & Safety Training

Advanced course on Fire and Safety conducted by Usha Fire Safety Equipments Pvt Ltd on March 2017.

Wireless Power Transmission System

A system was designed and prototype was made to transmit power through wireless medium using Microwave Energy with the help of antennae.

Design a regulated DC power supply

A voltage source was designed and constructed to generate millivolt (0-1000mV).

In plant training in Switchgear

Introduction to low voltage switchgear was taken at Larsen & Toubro Ltd.

Personal Details:

Name	:	Akhil Raj G
Date of Birth	:	Nov 18 th , 1992
Sex	:	Male
Marital Status	:	Married
Nationally	:	Indian
Languages Known	:	English, Malayalam, Hindi & Tamil