SUJIT SOMASUNDAR

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 Ph: **+919526009562**

**ELECTRICAL ENGINEER**

* + 1. **Career Objective**

 To be a part of a reputed and growing firm wherein I could utilize my vast knowledge and good communication skills for the betterment of the company.

* + 1. **Summary**
* Experience in Designing , Installation & testing of Electrical systems.
* Total 7 year’s experience in Industrial projects.
	+ 1. **Job Profile**

Company : Al Fatah Water & Power

Designation : Electrical Supervisor

Duration : November 2017 to Present

RESPONSIBILITIES

* Diagnosed electrical & mechanical equipment malfunction and completed repairs to restore equipment and maintain uptimes
* Exposure in inspection, PTW, LOTO system
* Installed, repaired, diagnosed and maintained various forms of electrical mechanical equipment such as ultrasonic transducer, pressure transducers, PLC’s, SCADA, MCC panels , MDB’s, centrifugal and positive displacement blowers, centrifugal pumps, diesel generators.
* Providing guidance to junior staff in the areas of leadership, continuous improvement, decision making and conflict resolution.
* Testing & commissioning of 4.15 KV VFD’S
* Testing of CT, PT, Transducers etc.
* Testing of Transformer schemes
* Testing and commissioning of UPS system.
* Ran backup programs for VFD (Mitsubishi, Siemens, Allen Bradley, Yaskawa)
* Knowledge of MV switch gears 36KV, 4.16KV (Siemens, AB, Schneider)
* Interpreted electrical and mechanical schematics, blueprints and diagrams
* Maintained electrical and mechanical components of diesel engine driven generators
* Maintained accurate electrical inventory to support safe and efficient operation
* Estimated costs of repairs to determine feasibility and maintained an inventory of parts of immediate and emergency repairs
* Performed monthly , semi annual and annual Preventive Maintenance Checks and services.
* Kept extensive Maintenance records.
* Ensuring adherence to all applicable safety policies and procedures.
	+ 1. **Job Profile**

Company : M/S Rawafid Holdings

Designation : Electrical Supervisor

Duration : March 2017 to November 2017

Client : KACST (King Abdulaziz City for Science & Technology)

RESPONSIBILITIES

* Site supervision on installation of MV(13.8 KV , 4.16 KV) & LV panels.
* All power panel, lighting panel installation & breaker testing.
* Internal & external cable pulling, glanding , termination & testing of power cables.
* 13.6 KV /4.16 KV & 4.16 KV/0.4 V transformer erection .
* Bus duct connection from 8 MVA transformer to MV panels.
* Bus duct connection from 3.15 MVA & 2.5 MVA transformer to LV panels
* Thermo weld earthing installation.
* 110 V DC, 24 V DC & 440 V AC battery bank installation.
* Bus bar installation in MV panels.
* Strict implementation of site safety on job site.
* Cable tray installation work.
* Supervised the MV cable termination in 13.6 KV switch gear, 13.6/ 4.16KV transformer, 4.16 KV switch gear, 4.16 KV VFDS, & MV motors.
* Loop checking & calibration of Actuators, Pneumatic valves, Pressure transmitters, Pressure Switch, flow meters.
	+ 1. **Job Profile**

Company : M/S Dragados Gulf Construction Co Ltd

Designation : Electrical System Owner

Duration : August 2016 to February 2017

Client : Ma’aden Phospate Company

RESPONSIBILITIES

* Collecting the RFI’S for the equipments and cables of every systems.
* Preparing the component list of each subsystems and update in Icoms.
* Coordinate with the subcontractors in raising RFI’S after completion of installation.
* Updating QVD’S and test reports in Icoms.
* Identifying the punches during Walkdown.
* Daily tracking for closure of punches.
* Preparing Turnover folder for every systems.
* Arranging Walkdown after construction completion & mechanical completion.
* Preparing CCN & MCN after completion of construction & mechanical activities.
* Coordinate in PSSR inspection prior to energization of the systems.
* Handing over the Turnover folder to Client prior to energization.
	+ 1. **Job Profile**

Company : M/S Elite Group Of Companies

Designation : Project Executive

Duration : June 2013 to July 2016

RESPONSIBILITIES

* Assist in planning of designing, delivery to site, installation, testing and commissioning of equipment for project awarded.
* Supervise and control over Contractors to strictly comply with relevant terms and conditions of the contract.
* Liaise with the relevant consultants to ensure smooth progress of works.
* Oversee the daily progress of all activities on site and ensure that the project is on schedule and that deliverables are made in accordance with the terms and conditions stipulated in the contract.
* Participate in customer communications interfaces and discuss on system specification requirement.
* Plan all technical or system requirements before performing the demo by preparing checklist and any other relevant documentation.
* Monitor program cost activity to achieve an “in budget” result”
* Support to procurement, including technical evaluation of offers from Suppliers.
* Execution of installation and commissioning the projects.
	+ 1. **Job Profile**

Company : M/S S.B.Electricals

Designation : Design Engineer

Duration : Jan 2012 to May 2013

RESPONSIBILITIES

* Activities include preparation of schemes, load calculations, rating of generators and transformers.
* Support to procurement, including technical evaluation of offers from Suppliers.
* Execution of installation and commissioning the projects
	+ 1. **Job Profile**

Company : M/S Transformer & Electricals

Designation : Trainee

Duration : June 2011 to December 2011

RESPONSIBILITIES

* Testing & commissioning of Transformers from 100 KVA to 2MVA
	+ 1. **Technical Skills**
* Certifications: Auto CAD, Electrical CAD
* Knowledge of: MATLAB, P SPICE, MI POWER, PHOTOSHOP
* Programming language: C
	+ 1. **Projects**
* KHAFJI Desalination project, KACST, Kingdom of Saudi Arabia (60000M3/DAY)
* DAP/NPK Project, Ma’aden Phosphate Company, Kingdom of Saudi Arabia
* Agro Expansion Project, Flour Mill, Kerala, India (1765 MT/MONTH),
* Cake Mix Project, Kerala, India (500 MT/MONTH),
* Staples Division Project, Tamil Nadu, India (236MT/MONTH)
* Organic Spices Project, Kerala, India (1 TONNE/ SHIFT)
* Chappathi Project, Kerala, India (11800 NUMBERS PER DAY)
* Cookies Project, Tamil Nadu, India (1.5 TONNES/ DAY)
* Rice Plant, Kerala, India ( 4 TONNES /DAY)
* Transformer Enhancement, Kerala, India (400 KVA, 500 KVA to 1650 KVA)
* Bhiwandi Housing Project, Mumbai, India.
1. **Key Skills & Competencies**
* Experience of working under British & European Standards.
* Able to assist or instruct Electricians/ Wireman.
* Willing to be on a call out rota for emergency callouts.
* Strong decision making skills and the ability to prioritize and plan effectively.
* Methodical approach to all tasks.
* Excellent customer facing and communication skills.
	+ 1. **Academic Profile**

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| --- | --- | --- | --- | --- |
| **Institution**  | **Course** | **Year** | **Board/University** | **Percentage** |
| Vidya Academy Of Science & Technology,Thalakottukara | B.Tech- Electrical and Electronics Engineering | 2007-2011 | Calicut University | 62 |
| Chinmaya Vidyalaya School, Kolazhy | Std XII | 2006-2007 | CBSE | 62 |
| Chinmaya Vidyalaya School,Kolazhy | Std X | 2004-2005 | CBSE | 76 |

1. **Personal Details**

Date of Birth : 10/01/90

Age : 30 Years

Gender : Male

Nationality : Indian

Marital Status : Married

Father’s name : Somasundar K P

Mother’s name : Geetha Somasundar

Iqama No : 2420172914

Passport Number : J4739746

 Date of issue : 11/05/2011

 Date of expiry : 10/05/2021

Language : English, Malayalam, Hindi

1. **Declaration**

I solemnly declare that the above furnished details about me are true and correct to the best of my knowledge.

Station: Kingdom Of Saudi Arabia Sujit Somasundar

Date: