

Hridon Ahmed

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Career Objective

To establish my career in the area of Electrical and Electronics Engineering that will allow me to utilize my technical skills, experience and willingness to learn in making an organization successful.

Employment History

Company Name: Orient Energy

Position: Project Manager, 33/11 kV GIS Substation, Lalbag and Burirhat, Rangpur.

Duration: January 2021 to Continue

Position: Former Assistant Engineer, Orient Energy.

Duration: September 2018 to December 2020.

Responsibilities.

- Find out what the client wants to achieve and the timescales, costs and resources needed. Making up a detailed plan for how to achieve each stage of the project, Selecting and leading a project team. Negotiating with contractors and suppliers for materials and services.. Manage all financial and settlement of accounts aspects of projects through ongoing work forecasting.
- Maintain all Supply chain-Design and implement an effective & strategic sourcing strategy to reduce costs, Sourcing-Raw Materials-Electrical, Mechanical, Building RM, Constriction, Chemical, Packaging Materials, Finished Goods, Machinery, Equipment, Service and Indirect Material and so on. Ensure all logistics activities. Develops strategic relationships with key suppliers. Coordination of supply chain management with other functional. Manage all the vendors & customs clearance independently.
- Erection, Commission, operation and maintenance of Gas generator and overall electrical power systems of the industry. Installation of Power Plant and all kind of electrical and Instrumental Equipment of the Industry. Design, drawing, Erection, Commission and Maintenance of various ratings substation.
- Oversee the design, installation, testing, commissioning and supply of electrical systems.
- Install the manual and automatic fire detection system as per National Fire Protection standards (NFPA). Ensure all electrical equipment's are operational and maintained as per the standards.
- Prepare design specifications and technical drawings by Auto CAD (SLD, ELD). Keep standby of genset for meeting emergency customer demand. Carry out inspections of all mechanical and pneumatic equipment and take corrective actions when needed. Doing earthing mesh, electrical wiring, fire protection & detection work by looking at drawings in substation. Executing operation and maintenance electrical side.
- Reporting regularly on progress to the client or to senior managers and also smartly handle government officers (PDB, NESCO, PGCB and so on). Maintaining, planning and scheduling the project as per electrical safety aspect. Estimate the time and cost needed to complete a project.
- Make BOQ of substation and prepare specifications for purchases and supervise installation project.
- Inspection of the electrical system to identify hazards, defects etc. and ready to meet the government (client)standard. Have to perform periodical test and make test report for all test.
- Implement for a project, industry & supervise installation project as an Assistant engineer.
- Conduct regular inspections of the electrical system in the different workplace to identify hazards, defects.
- Installation of various Electrical and mechanical instruments & Commissioning, testing, erection, inspection.
- Supervision of labour and sub-contractor of construction all activities such as layout,pile, rcc, bricks wall, plastering, plumbing, tiles, painting work and so on. Ensure quality and quantity.

Company Name: Powermann Bangladesh limited (Internship)

Position: Trainee Engineer, **Duration:** May 2018 to September 2018

Responsibilities

- Learnt transformer installation &switchgear equipment operation.
- Supervised all subordinate activities, making report. Finding the problem and take necessary steps.

Training Summary

- ❖ **MEP Design and Electrical Services for Residential, Commercial & Industries**, Topic- Load Calculation, BBT, BOQ, Cable, Generator, Maintenance, Audit, Site supervision, Solar, IPS-UPS, Home safety, LPS, Fire, HVAC, Plumbing system.
- ❖ **Basic on power system, Transformer& Motor Controlling**, Topic- Power generation, Transmission and Distribution. Topic- In detailed Transformer discussion, test, tap changer, vector group, losses of transformer, Motor controlling system Garments & Industries.
- ❖ **Industrial Basic Electrical and switchgear & PLC**, Topic- Basic on cable, switchgear, Electrical panel installation, all kind of Motor controlling system, Electrical Maintenance, Sensor, PLC.
- ❖ **Electrical Services for Building and Industries Design**, Topic- Load Calculation, SLD, Earthing Design, LPS and BOQ.
- ❖ **Fire Safety Training**, Topic- Basic fire dynamics and behavior, Hydrant system, Sprinkler's system.

Special Skills

Auto-CAD, SLD, ELD, BBT, LPS, MS Office, Service, Supervise, Operation and Maintenance, Testing, Installation, Commissioning, Troubleshooting, Communication, Time Management, Leadership, Teamwork

Academic Qualifications

Exam Title	Concentration	Institute	Result	Year
PGD in SCM	Supply Chain Management	ISCEA -International Supply Chain Education Alliance.	Passed	2021
BSc. in Engineering	Electrical and Electronics Engineering	IUBAT- International University of Business Agriculture and Technology	3.67	2018
H.S.C	Science	Lakshmipur Government College	4.75	2011
S.S.C	Science	Kazir Digir Par samaj Kalyan High School.	4.30	2009

Extra-Curricular Activities

- Completed a research and prepared a report on “**An overview of convolution neural network: Its Architecture and Application**”
(Link: https://www.researchgate.net/publication/331351788_An_Overview_of_Convolutional_Neural_Network_Its_Architecture_and_Applications)
- Workshop, Organizer of different events, Cultural activities, Team leader, Voluntary work (Blood Collection, Distributing Cloth and Medicine)

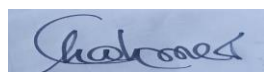
Personal Information

- ❖ Marital Status : Married
- ❖ Religion : Islam
- ❖ Permanent Address : Village:Hamchadi ,Sadar, Lakshmipur.

Reference

SM Mosharraf Hossain Nannu
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Declaration, I do hereby declare that the above information is and correct to the best of my knowledge.



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Hridon Ahmed