

Yogesh K. Shelke

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Career Objective:

Seeking for a position as Electrical engineer which offers key participation, team oriented tasks, immediate challenges and career opportunities with higher responsibility.

Employment History:

LoneStar Technology Pvt Ltd. , Pune Trainee Engineer- Electrical (Aug '19 till date)

LoneStar Technology Pvt Ltd has been designing highly specialized facilities in the chemicals and polymers, power, oil and gas, and refining industries.

Project : Engineering for 2G Ethanol Biorefinery Project at Bargarh, Odisha.

Client : Bharat Petroleum Corporation Ltd.

Job responsibilities involved are as follows:

- Preparation of Design basis, document list , Datasheet & Specification for Electrical system.
- Design and Preparation of Main Key/ Single line Diagram for PMCC,MCC, PCC, UPS etc.
- Preparation of ELL and Maximum demand calculation.
- Preparation of Transformer, NGR, Capacitor bank calculation.
- Review of Electrical Room Equipment Layout.
- Sizing of electrical equipment.
- Preparation of Feeder list and motor list.
- Preparation of MR for Electrical equipment systems.
- Preparation of Lightning calculation, lux level & load calculation, lighting layout.

Project : Engineering for Second Generation Ethanol Biorefinery at Bathinda, Punjab

Client : Hindustan Petroleum Corporation Ltd.

Job responsibilities involved are as follows:

- Preparation of Design basis, document list, schedule & Specification for Electrical system.
- Design and Preparation of Main Key/ Single line Diagram for PMCC,MCC, PCC, UPS etc.
- Preparation of ELL and motor list.
- Preparation of Lightning calculation, lux level & load calculation, lighting layout.
- Preparation of Overall earthing layout

Project : Midland JOV Mainline Pump Station AFE A42389

Client : Lauren Engineers & Constructors, Abilene, Texas.

Job responsibilities involved are as follows:

- Overall main grounding layout and MTO.
- Lighting layout and MTO.
- Lightening protection layout and MTO.

Project : 100 BPD Low Sulfur Marine Fuel Oil

Client : Lauren Engineers & Constructors, Abilene, Texas.

Job responsibilities involved are as follows:

- Overall main grounding layout and MTO.

- Lighting layout and MTO.
- Lightening protection layout and MTO.

Project : XTO Eagle compressor station
 Client : Lauren Engineers & Constructors, Abilene, Texas.

Job responsibilities involved are as follows:

- Cable tray material take-off.
- Overall main grounding material take-off.
- Lighting material take-off.

Academic Details:

Qualification	University/Board	College Name	Percentage/ CGPA	Year of Passing
B. Tech (Electrical)	Shivaji University, Kolhapur	Government College OF Engineering, Karad	8.47	2019
HSC	Pune	Netaji Jr. Science College, Mohol	83.23	2015
SSC	Pune	Netaji Prashala, Mohol	91.82	2013

Project Details:-

Title: Solar Powered and Brain Controlled Wheelchair.

Objective of this project is to assist completely or partially paralyzed using brain signal. People as well as some recreation applications like gaming by using EEG device.

Title: Non-Intrusive Load Monitoring.

This project aims at developing a microcontroller-based system that will continuously monitor domestic level energy consumption, store data and provide the same to the consumer so as to assist him to take actions to avoid unnecessary consumption and reduce electricity bill.

Paper Publications: -

1. Presented a paper titled as “**Maximum Power Point Tracking**” in **7th International Conference** on Soft Computing for Problem Solving (SocProS) at **IIT Bhubaneswar** on 23-24 December 2017.
2. Presented a paper titled as “**Brain Machine Interface: Controlling the Wheelchair using Brain Waves**” at the **International Conference** on Communication, Electronics and Electrical engg. (ICCEEE) held at Kolkata, India on 21st April 2019.
3. Presented a paper titled as “**Sound Wave Fire Extinguisher: Space and Duct Environment**” at the **Asian Conference** on Recent Advances in Science, Engineering and Technology (ACRASET) held at Kolkata, India on 21st April 2019.

Sports Achievements:-

- Consecutively Secured **3rd position** at **State Level Shooting volleyball** in 2014 and 2015.
- Participated in **Shivaji University Zonal Kho-Kho** Tournament in 2017 and 2018.
- Secured **2nd position** in Interclass **Javelin Throw** at GCE, Karad 2018.

Software Proficiency: -

- Languages: Basics of **C**, Basics of **HTML & CSS**.
- Key skills : 1.DIALux 2.AutoCAD 3.LABView 4.MATLAB 5.SCILAB

Personal details:-

- Name : Yogesh Krushna Shelke.
- Father's Name : Krushna Sopan Shelke.
- Date of Birth : 12th Jan 1998
- Age : 22
- Gender : Male
- Hobbies : Playing cricket, Volleyball, kho-kho, swimming.

Declaration:-

I hereby declare that the above mentioned information is genuine and true to the best of my knowledge.

Place:

Date:

Yogesh K. Shelke