

Ankit Milindkumar Pothiwala

Electrical Engineer (B.E.)

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➤ CAREER OBJECTIVE

I am an Electrical Engineer having more than 2.5 Years of Experience in Electrical Industry, looking for opportunity in EPC Projects especially in Oil & Gas sector. I wanted to work on large scale while enhancing my area of knowledge with existing skills and by developing new skills require for it.

➤ PROFFESIONAL EXPOSURE CHRONOLOGY

- 1) Currently working as a **Design Engineer** at **Voltamp Transformers Ltd**, Vadodara since July 2017.
- 2) Worked as a **Design & Development Engineer** at **Shilchar Technologies Ltd**, Vadodara from May 2015 to June 2017. **(2 Year 1 Month)**
- 3) Worked as a **Junior Engineer** at EHS, Energy & ISO Management Systems from November 2014 to April 2015. **(6 Months)**

➤ AREA OF INTEREST

I have Basic knowledge of:

- Oil and Gas Sector Basics and EPC Industry working methodology.
- Electrical System Design philosophy for EPC projects.
- Basic Design and Detail Engineering with calculations & various standards.
- Selection and Sizing of Equipment (Motor, Transformer, DG Set, CT, PT, Switchboard, UPS, Capacitor Bank, Battery and Charger, Series Reactor etc.)
- Cable Selection, Sizing, Scheduling, Tagging, Interconnection, Root.
- Various System Designs e.g. Lighting Design, Earthing Design, Protection System.
- Substation Design with various layouts e.g. Lighting, Earthing, Cable routing , Equipment etc
- Load List, Load Calculation, SLD and Load Flow Studies
- Hazardous Area classification.
- Autocad , ETAP, DiaLux, CGLUX Softwares

➤ Current Job Profile

- 1) Organization Name: **Voltamp Transformers Ltd.,Vadodara**
Department: **Design**
Designation: **Engineer**
Duration: **July 2017 to Present**

Roles and Responsibilities:

- Preparation of Tender Design as well as Order Design.
- Meet Technical Parameters with Cost effective Design.
- Preparation of Winding Data, Core Data, Core-Coil Assembly Data, Insulation Data, Testing Data for Production as per Order Design.
- Preparation of Bill of Material, Guaranteed Technical Particulars and Various Calculation for Execution Department.
- To handle technical aspects of new inquiry as well as running production.
- Design a Transformer as per customer specification and IEC/IS standards e.g. Power Transformer, Distribution Transformer, Dry Type Transformers, Special Transformers etc.
- Perform calculation and analysis to ensure that the product will operate electrically and thermally within specifications.
- To support and guide production & testing department while production and testing of Prototype Transformer as per Design Data.
- To prepare and preserve all technical documents and drawings of products.
- To provide necessary documents to execution department for tender and customer requirement & to production department for production.
- Material Management of Prototype Transformer, BOM freeze, engineering changes in BOM, Maintain Inventory & Supplies and other documentation work using ERP Software.
- Development of a new part with latest and cutting edge technologies and materials.
- Value Engineering of existing parts to make it more efficient and cost effective.
- To solve technical problems related with production process.
- To guide purchase department for under development material for existing as well as new parts.
- Discussion with Supplier for Various Material to meet technical parameters.
- To take active part in technical discussion with customer along with execution department.
- Analysis and development as per production as well as customer feedback.

➤ ADDITIONAL COURSES AND SOFTWARES

- 1) I have certification of **ELECTRICAL SYSTEM DESIGN ENGINEERING for Oil and Gas Sector (EPC)** from Smart Brains Pvt. Ltd., Vadodara.
- 2) I have certification of **PLC, SCADA & Panel Designing** from SOFCON Pvt Ltd, Vadodara.
- 3) I have handover experience of **AUTOCAD 2D**.
- 4) I have certification of **MOTOR MAINTANANCE** from A.V.T.S I.T.I., Vadodara.
- 5) I have a certificate of competency for **Electrical Supervisor** from Government of Gujarat.
- 6) I have a good knowledge of electrical softwares e.g. **ETAP, CGLUX, Matlab, Psim**.
- 7) I have a good knowledge of computer basics. E.g. **MS Office** (Word, Power Point, Excel).
- 8) I have handover experience of **ERP Software (Microsoft Dynamics)**.

➤ EDUCATIONAL QUALIFICATION

EXAMINATION	UNIVERSITY	INSTITUTE	PASSING YEAR	% or CGPA
B.E. (ELECTRICAL ENGINEERING)	Gujarat Technological University	Parul Institute of Engineering & Technology, Limda, Vadodara, Gujarat	2014	7.5
H.S.C. (12 th)	G.H.S.E.B	Alembic Vidhyalaya, Vadodara, Gujarat	2010	67%
S.S.C. (10 th)	G.S.E.B	Kelavani Trust Vidhyalaya, Vadodara, Gujarat	2008	87.69%

➤ VOCATIONAL TRAINING & INDUSTRIAL VISITS

Vocational Training - ARKAY ELECTRONICS

Industrial Visits – Wanakbori, ABB, ERDA, GIPCL, Sardar Sarovar, Berger Paints Ltd, Jyoti Switchgear Ltd, Universal Medicap, Link pharma Ltd., GETCO Substations e.g Asoj & Waghodia

➤ ACADEMIC PROJECT

Title: Controlled power supply using Ultracapacitor.

Duration: 1 year (July 2013 to May 2014)

➤ ACHIEVEMENTS

- 1) I have cleared a personal interview of Indian navy which is taken by respected officers of Indian navy at our collage and get direct entry for SSB interview of Indian navy for scheme of SSC (UES-ELECT) 2014 conducted at Bhopal.
- 2) I have done scuba diving and get a certificate of it at North Bay, Andaman and Nicobar.

➤ STRENGTHS

- 1) Ability to work in team structure, ability to verbally communicate with others, decision making and problem solving skills.
- 2) To work with positive approach, confidence and enthusiasm.
- 3) Eagerness to know and learn new things.

➤ HOBBIES

Swimming, Travelling, Playing Kabaddi, Listening music, Playing Casio, Guitar & Tabla, Playing computer games, Watch movies

➤ **PERSONAL PROFILE**

Gender	- Male
Date of Birth	- 16/09/1992
Age	- 25
Language known	- English, Hindi, Gujarati
Nationality	- Indian
Religion	- Hindu
Blood group	- B+
Marital status	- Single
Location preference for job	- Open to work anywhere