

RESUME



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STRENGTH

- Achieving the set work target.
- Ability to motivate people and work together as a team.
- Ability to Communicate in English and Tamil.

CAREER OBJECTIVE

To obtain a creative and challenging position in an organization that gives me an opportunity for self-improvement and leadership, while contributing to the symbolic growth of the organization with my technical, innovative and logical skill.

AREA OF EXPERIENCE

- Have around 7 years of extensive hands on experience of design and developing.
- Design of transformers up to 10MVA, 24kV/480V dry type (Tri-Plex core coil assembly, Pad mounting, 4 & 5 leg core, Structural & Bolted clamp, nuclear 1E, TVRT, Barge unit, Electrical & Mechanical snubber circuit)
- 10MVA, 33kV/22kV/11kV oil type Mechanical Design.
- Preparation of Sheet Thickness Calculation, Stiffener Calculations, Stress Calculations and Weight Calculations.
- Preparation of Internal and External Bill of Materials, Cutting plan, etc.
- Preparation of Tender and Customer drawings. (GA, Transportation, Foundation, etc.)
- Preparation of Fabrication Drawings Tank, Top cover, LV & HV Duct and Core Clamp etc.
- Preparation of Bill of Materials with Engineering Sketch and Layouts.
- Design and development, Modeling, Assembling and Detailing in Software's.

JOB RESPONSIBILITIES

- Design & Detailing of transformer with various voltage classes dry transformer & various voltage classes including OLTC & OCTC oil cooled transformer.
- Have knowledge of Dry transformer, Power Transformer, Distribution Transformer Designs.
- Standardization of design, development of standard drawings, and verification of design calculations, and fabrication drawings.
- Study of specification, understanding the customer requirements and acting accordingly.
- Interaction with fabricator/ suppliers to resolve various issues regarding manufacturing methods, process, etc.
- Have conducted in-plant training for college students and trained them.
- Drawings cross checking with Standards.

PERSONAL DETAILS

Father's Name:

G.Krishnaswamy

DOB: 05-09-1997**Sex:** male**Mother Tongue:** Tamil**Nationality:** Indian**Marital Status:** Married**Languages Known:**

- English fluent
- Tamil fluent
- Hindi understand

ORGANIZATION PROFILE

PRESENT EXPERIENCE**HITACHI ENERGY INDIA LTD, VADODARA, GUJARAT.**

It is one of the Top leading manufacturers of transformers, with advanced manufacturing facility

PAST EXPERIENCE**VOLTECH MANUFACTURING COMPANY LIMITED, CHENNAI,**

It is one of the leading manufacturers of transformers, production capacity up to **25**

MVA 33KV/11KV Power & Distribution Transformers**ACADEMIC PROFILE**

- **B.E-mechanical Engineering** from **VELTECH, Anna University, Chennai** in 2018 with **70.3%**.
- HSC from wisdom matriculation Hr. Sec. School, Cheyyar (State Board) in 2011 with **69.5%**.
- SSLC from Wisdom Matriculation Hr. Sec. School, Cheyyar (State Board) in 2009 with **85.6%**.)

TRAINING AND CERTIFICATES**Certification Undergone:**

- **Lean Six Sigma Certified Yellow Belt**
- **Percipio course about work and management**
- **PASS in the certified solid works associate(CWSA) 195marks scored**

In-plant Training& Industrial visit:

- Undergone IPT in Hyundai Motor India Ltd, Sriperumbudur.
- Sung woo hi-tech India 2017 implant training for period of 3 days overview of automated robotics used in manufacturing process.
- Undergone industrial visit in Shard low India ltd, sriperumbudur, Chennai

KEY SKILLS

- Good Communication skills.
- Listening skills.
- Knowledge on mechanical core subjects
- GD & T

CURRENT EXPERIENCE PROFILE

- Duration : 2021 November to till the date.
- Organization : Hitachi energy India LTD, Gujarat.
- Designation : MECHANICAL DESIGN ENGINEER.
- Tools Employed : Creo parametric & ANSYSWORKBENCH STIMULATION & AUTO CAD 2022 & CDSm & SAP

PAST EXPERIENCE PROFILE

- Duration : Aug 2019-2021 Sep.
- Organization : Voltech manufacturing company, Sriperumbathur.
- Designation : SENIOR DESIGN ENGINEER.
- Tools Employed : AUTO CAD 2014 & AUTO DESK INVENTOR 2014.

COMPUTER PROFICIENCY

- CREO, AUTO CAD, ANSYS WORKBENCH STIMULATION, AUTODESK INVENTOR.
- SOLID WORKS
- MS OFFICE.
- SAP.
- CDSm.

ACADEMIC PROJECT

BACHELOR OF ENGINEERING (MECH):

DESIGN AND FABRICATION OF COMPRESSED AIR ENGINE:

To reduce the cost of fuel and pollution free

SMARTEST PARKING ASSISTANCE IN FOUR WHEELER VEHICLE:

This project presents the 90degree rotation of each tyre .To parking easily and avoid hitting front while parking

EXTRA CURRICULAR ACTIVITIES

- Won several sports certificates in school level (both indoor and outdoor games)
- Participated in GUINNESS RECORD of “Human Flag Formation” conducted by Rotary Club.

ACHIEVEMENT

- Won second prize in event electronic art in LAVAZA Techural fest conducted at vel Tech University.
- Won first prize in event MIMI in LAVAZA Techural fest conducted at vel tech university

DECLARATION

I hereby declare that all the information and facts furnished above are true to the best of my knowledge and belief.

Date:

Place: Cheyyar.



(VIGNESH.K)