

CURRICULUM VITAE



NAME : **Pranav Ukkadgaonkar**
NATIONALITY : **Indian**
DATE OF BIRTH : **27 March 1992**
EDUCATION : **B.E. (Electrical Engineering)**

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OBJECTIVE

Looking for a challenging position as an Electrical Design Engineer career in an organization where my skills and abilities will be tapped to its best and which will help me to explore myself fully and realize my potential. A role that would mutually benefit me and the organization I work for.

SUMMARY OF EXPERIENCE

Having extensive electrical Engineering experience mostly within Power & energy sector, oil & gas industry and industrial & chemical plant projects in all phases of electrical design works include preparation of specification, power system study, data sheets, drawing preparation and equipment for projects, field engineering and commissioning. The experience includes the following duties:

- Experienced with major electrical equipment items including Generator, transformers, Motors, DG set, Switchgears, MCC, UPS etc.
- Understanding and analyzing of design completed by other to identify discuss and implement project efficiencies.
- Preparation of engineering deliverables includes specification, design basis, data sheets, materials take off, Cable Tray / Trench Layouts, Earthing & Lightning Protection Layouts and Lighting Layouts including Distribution Schedules, etc.
- Development of concept through details design into construction document.
- Familiar with standards & codes which include IS, IEC, IEEE, etc.

EXPERIENCE DETAILS:

Company. : **Thyssenkrupp Industries India**
Duration : **May 2019 to Present**
Position : **Engineer - Boiler Projects (Energy division)**

Responsibilities

- Preparation of electrical system design for Boiler based power plants.
- Preparation of load calculation.
- Selection of Transformer/DG capacity and number with necessary metering & protection.
- Preparation of schematic and detail Single line Diagram (SLD).
- Short circuit & voltage drop calculation at each level of distribution.
- Selection of HT & LT switchgear based on breaking, making & short time capacity.
- Selection of HT & LT cables based on thermal, short circuit & voltage drop based ampacity.
- Design of earthing calculations and lightening calculation as per IEC 62305.

Detail engineering activities:

CURRICULUM VITAE

- Cable engineering which includes cable sizing, cable schedule.
- layout engineering which includes cable tray layout, earthing & lightening layout, lighting layout and lighting layout.
- Vendor engineering which includes preparation of technical enquiry, technical bid evaluation and vendor drawing review.

Company. : **Advik Hitech Pvt. Ltd.**
Duration : **Dec 2017 to Feb 2019**
Position : **Senior Engineer (Utility Design)**

Responsibilities

- Preparation of electrical system design for automotive plants.
- Planning and design for electrical distribution for machines & utility loads.
- Planning and design for HVAC system for automotive plants.
- Planning & implementation of LV electrical systems such as CCTV, PA system, etc.
- Planning and design for Air compressor sizing requirement and VFD panel for plants.

- Budget preparation for overall utility works which includes electrical, HVAC, Fire fighting & LV systems. This includes preparation of BOQ and MTO's.
- Interaction with engineering consultants & contractors for execution of all utility works.

Company. : **Jacobs Engineering India Pvt. Ltd.**
Duration : **Dec 2015 to Jun 2017**
Position : **Design Engineer (electrical)**

Responsibilities

- Preparation of load calculation.
- Selection of Transformer/DG capacity and number with necessary metering & protection.
- Preparation of schematic and detail Single line Diagram (SLD).
- Short circuit & voltage drop calculation at each level of distribution.
- Selection of HT & LT switchgear based on breaking, making & short time capacity.
- Selection of HT & LT cables based on thermal, short circuit & voltage drop based ampacity.
- Design of earthing calculations and preparation of earthing layouts.

Company. : **Jacobs engineering India Pvt. Ltd.**
Duration. : **Dec2014 to Dec 2015**
Position. : **Apprentice engineer**

Responsibilities

- Preparation of load calculation.
- Selection of Transformer/DG capacity and number with necessary metering & protection.
- Preparation of schematic and detail Single line Diagram (SLD).
- Short circuit & voltage drop calculation at each level of distribution.
- Selection of HT & LT switchgear based on breaking, making & short time capacity.
- Selection of HT & LT cables based on thermal, short circuit & voltage drop based ampacity.
- Preparation of Power & Control cable schedule.

Preparation of building plan & equipment layout such as,

- Point of supply and Cable trench layout.
 - DG & Main LT electrical room layout.
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- Earthing scheme & earthing layout.

EDUCATIONAL QUALIFICATION

1) B.E. Electrical Engineering

K.J. College of engineering and management research, Pune.
(Under Sawitribai Phule Pune University)
Percentage- 66.57% (First class with distinction)
From: Aug-2011 to 2014.

2) Diploma in Electrical Engineering

Cusrow Wadia Institute of Technology, Pune.
Percentage- 75.67% (First class with distinction)
From: July-2008 to Jun 2011.

PRESENTED PAPER

- Paper presented in MJRET (Multi-disciplinary journals for research in engineering and technology) on “Minimizing the penalty in industrial sector by engaging APFC unit.”

COMPUTER LITERACY

- AUTOCAD Engineering Design Software Ver.2015
- MICROSOFT OFFICE.

PERSONAL DETAILS

Name: Pranav Dhananjay Ukkadgaonkar

Permanent Address: Vakil colony, Main road, Gangakhed, Dist- Parbhani- 431514.

Languages Known: English, Hindi and Marathi.