

## CURRICULUM VITAE



### **ABHISHEK MODEM**

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### **ASPIRING ELECTRICAL ENGINEER**

To work on innovative and challenging job where there are opportunities to expose my talent and prove my ability to undertake job responsibilities and strive for the success of an organization.

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### **SUMMARY OF SKILLS**

- Qualified individual with **B.Tech in EEE from Vaagdevi College of Engineering** coupled with **10 years of experience in Metro Rail Power supply, E&M, HT and Solar Power Plant project works.**
- **Self motivated and goal - oriented** with good communication and inter-personal skills coupled with high degree of flexibility, creativity, resourcefulness, commitment and optimism.

### **TECHNICAL SKILLS**

Programming Languages : C  
Design Tools : AutoCAD

- **Trained in**

PLC	:	ABB, Siemens and Schneider
SCADA	:	Intouch and Wincc
DCS	:	ABB
VFD	:	Delta
HMI	:	Delta

- Trained in **25KV OHE** system design and it's parameters from **Railway Academy** institute.
- Member of The Institution of Engineering and Technology, **MIET (UK)** and working towards **I.Eng.**
- Trained in Project Management tool **PRIMAVERA P6.**
- Trained in **French Language** – A1 & A2 level.
- Participated in 5 – day training programme on **RAMS** conducted by **L&T Hyderabad Metro Rail Ltd.**
- Good knowledge on computers and its applications. Proficient in **Ms – Office Tool.**

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### **EDUCATIONAL CREDENTIALS**

**B. Tech, Electrical and Electronics Engineering, 2011 passed out.**  
JNTU-Hyderabad; 62.02%

**Intermediate (10+2) – Math, Physics and Chemistry, 2007 passed.**  
NVB Junior College; 89.1%

**SSC (10<sup>th</sup>), 2005 passed.**  
Rishi High School, 87.3%

## **Work Experience**

- Company **M/s. Gujarat Metro Rail Corporation Limited.**  
Designation **Senior Section Engineer - Traction**  
Duration November 2020 to till date  
Description - Oversaw installation, testing and commissioning of **132/33kv** Switchyard (AIS), Power transformers of **31.25/25 MVA**, Sub-station equipment, **TSS, ASS, Relay Co-ordination** and interlockings, attending **FAT**, Co-ordination of SAT reports & **EIG** inspection, Sub – station earthing, Stray current system, **SCADA** system, **UPS, Servers, RTU** configuration and co-ordination for system interfacing works.
- Company **M/s. Bangalore Metro Rail Corporation Limited.**  
Designation **Section Engineer**  
Duration June 2016 to October 2020  
Description - Installation, Testing and Commissioning of **Traction 33kv Traction Sub Station**, High speed circuit breakers and dry type transformers – 500KVA , earthing, bonding, stray current monitoring, AC & DC subsystems, **66kv** cabling works etc.  
- Installation, testing and commissioning of **Third rail (750v DC)** work includes : Conductor rail, Splice joint assembly, Insulation joints, Expansion joints, 3<sup>rd</sup> Rail alignment, bridgeable and non bridgeable gaps.  
  
- **Electrical works** include : Installation, testing and commissioning of **415v ASS**, Lighting, 180KVA & 1MVA **DG**, 20KVA & 60 KVA **UPS**.  
- **Mechanical works** include - Fire detection, alarm, safety, suppression and HVAC for **elevated** and **underground metro stations**.  
- **Distribution works**: 350MVA RMU installation 11kv UG cabling, earthing, LT feeder, Electrical pole erection with GoS and other electrical works.
- Company **M/s. Hindustan Aeronautics Limited, Bangalore.**  
Designation **Project Engineer - Electrical**  
Duration March 2015 to May 2016  
Description Executed and Commissioned 415v LT, 11kv transmission lines and solar power plant projects. **Contract management, Project management**, BOQ preparation, RFI, billing, collecting ground details, price analysis, tender specifications and estimations for the new projects to be taken up.
- Company **M/s. Vaishnavi Constructions and Engineering Equipments.**  
Designation **Electrical site engineer**  
Duration January 2013 to August 2014.  
Description Procurement, construction and site engineering of solar power plant projects. Executed Plant capacities – 1MW land based plant and 500KWp, 100KWp ON-Grid Roof top plants.
- Company **M/s. Sri Manjunatha Enterprises.**  
Designation **Electrical site engineer**  
Duration September 2011 to November 2012  
Description Executed and Commissioned Aerial Bunched cabling works, 11kv transmission line works, 33kv UG cabling, street light works and building electrification works.

### **Additional Professional Experience**

- Trained and Certified as **Train Operator** in Bangalore Metro Rail Corporation Ltd. with **2 years** of experience in main line train operations.
- Trained in **Electrical design**, Rolling stock, Rail signalling system and Electrification of metro railways.

### **Extra Curricular Activities**

Actively participated and executed “construction of toilets - electrification” project under **CSR Swachh Bharat** activity for 8 government schools in Bangalore.

### **Personal Details**

<b>Date of Birth</b>	:	10 <sup>th</sup> June 1989
<b>Languages Known</b>	:	English, Hindi, Telugu and Kannada.
<b>Nationality</b>	:	Indian
<b>Marital Status</b>	:	Married

**Declaration:** I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

**Place :** Ahmedabad

**Date :** May 02, 2022

**Signature**

**Abhishek Modem**