

JAY FALIA | ELECTRICAL ENGINEER

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PROFESSIONAL PROFILE

Dedicated, professional, and experienced electrical engineer who has been in the field for nearly 2 years. Proficient in a wide variety of engineering software. Excellent working knowledge of safety codes and experience of installation, commissioning, plant maintenance, programming, testing and troubleshooting of electrical panels/machines. Well versed in the creation of internal communication and external professional documents and can liaise with all levels of staff/clients to provide the support needed in achieving planned work/goal.

TECHNICAL/ON-FIELD WORK SKILLS

- Installation and commissioning of electrical control systems and power system
- Troubleshooting of Panels/Machines
- Hardware/Panel Wiring
- Preventive, Breakdown & Shutdown Maintenance
- Inspection of Instrument/Equipment to achieve zero downtime
- Health and Safety standards

ELECTRICAL SOFTWARE KNOWLEDGE

- ECTS – Electrical Circuit Simulator
- WPL – Delta PLC Software
- Simatic Manager – Siemens PLC Software
- HMI – Kinko HMI Software
- AUTOCAD Electrical/2D/3D
- Wonderware – SCADA Software
- Arduino IDE – Arduino Programming Software

CAREER SUMMARY

1.DEGREE APPRENTICE

(26 MAY 2019 – Present)

▪ **Company's Name: GSECL Thermal Power Station Sikka**

▪ **Job Role/Responsibilities**

- Helping superiors with all kinds of maintenance work in 220KV switchyard and panels in the control room in case of breakdown or as a preventive measure.
- Testing of different electrical equipment like transformers, relays, circuit breakers, CTs, etc. while shutdown.
- On-field periodic inspection of switchyard equipment to ensure their healthy operation and plan preventive measure in case something unusual observed.
- Preparing work permits. Adding details like standard maintenance procedure, necessary precautions, area of work and safety measures to be taken while working, etc.
- Troubleshooting while breakdown of equipment or power loss in switchyard or panels in the control room.

2.SERVICE ENGINEER

(09 FEB 2018 – 19 JUNE 2019)

▪ Company's Name: Air Diagnostic and Engineering LLP

▪ Job Role/Responsibilities

- Installation & Commissioning of HVAC machines, Air Quality Controller and Electrical Control Panels of the same.
- On-field inspection of the machines to plan maintenance as and when required to prevent breakdown and have zero downtime.
- Troubleshooting of electrical panels/machines while breakdown maintenance.
- Planning work schedules and maintaining proper communication with clients so that work can be completed within given deadlines.
- Keep track of spare readiness to reduce downtime in case of breakdown and reducing cost by getting equipment repaired if possible on time.
- Keeping a record of all the work details of clients so that inspections/maintenance work can be done on time to improve the life of machines.

EDUCATION / SKILL COURSES / TRAINING ATTENDED

• ACADEMIC DETAILS

Degree/Certificate	School/College (Board/University)	Year Of Passing	Score
PGDHRM	Symbiosis University (SCDL)	Still pursuing	-
BE	V.V.P. Engineering College (GTU)	2018	76.6%
12 th	Air Force School (CBSE)	2014	81.1%
10 th	Air Force School (CBSE)	2012	83.6%

• SKILL TRAINING DETAILS

COURSE	Institution	Year Of Completion
Automation Engineer (PLC, SCADA, HMI, AE)	Viditri Tech Hub - Jamnagar	January 2020
Solar Panel Installation Technician	Pradhan Mantri Kavsai Kendra - Jamnagar	March 2019

• TRAINING DETAILS

TRAINING INFO	DURATION
Attended short training on Inter-connected power system, Switchgears & Protection from GSECL TPS – Sikka	3 July – 17 July 2017
Attended short training on Industrial Electrical Machines at Senor Metal Pvt. Ltd. – Jamnagar	28 May – 11 June 2017

OTHER BASIC DETAILS/SKILLS

- **COMPUTER KNOWLEDGE:** Good Command over MS.OFFICE and basic knowledge of C++, C#, Java, unity app development Software and Photoshop
- **SELF STRENGTHS:** Positive Attitude, Composed, Effective Presenter, Quick Learner, Team Player, Hardworking, Self-Confident, Good at Time Management and Prioritization, Punctual, Smart Worker and Committed.
- **LANGUAGES KNOWLEDGE:** Can speak, read and write in **Gujarati, Hindi and English**