

## **UMANG .S. PATEL**

*(M.E. Electrical)*

**Mobile:** +91- 8758348984, 9033711914

**Email:** umangusp21@gmail.com

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Talented young technical professional with an aptitude in Electrical

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### ***Career Objective***

- I want to develop my career as a professional in the field of Electrical engineering in challenging environment. To effectively utilize as well as enhance my abilities. Seeking a challenging job in a competitive environment, where the result of my hard work and contribution can benefit an organization and me too.

### ***Professional Experience***

- **mCritical infrastructure consulting Pvt Ltd Gandhinagar** since December 2017 to till date – as a Project Engineer.

### ***JOB PROFILE***

- I am handling project of **Gujarat State Data Centre, GSWAN, Safe & Secure Gujarat (SAS-GUJ) Project and Goa State Data Centre.**
- Data Centre Operation and Maintenance infra work:
  - Operation and Maintenance of Electrical Panel
  - Operation and Maintenance of UPS
  - Operation and Maintenance of HT Transformer
  - Operation and Maintenance of ACB and VCB
  - Operation and Maintenance of DG Set
  - Operation and Maintenance of PAC, AC
  - Operation and Maintenance of HVAC and BMS System
  - Operation and Maintenance of Security and Surveillance systems like Fire System, WLDC, Rodents system, CCTV, Public address system etc.
- Maintain electrical system by establishing and enforcing preventive and on-going maintenance and testing programs, schedule repair, coordinating shut-down and installations.
- Perform routine visits to site to monitor the following items daily routine.

- Coordinate of vendor and contractor
  - Handling of vendor and sub-chains, Coordinate work of sub-trades
  - Attend site meetings the PM is unable to be present for and take down necessary information.
  - Coordinate and ensure submitter of project closeout documentation
- **Mukesh Electrical and Services** since January 2016 to November 2017  
– as an Electrical Engineer.

## ***JOB PROFILE***

- Supervising electrical staff and coordinating the daily activities of the electrical department.
- Scheduling work to be done for the day.
- Working with contractors to complete projects on time.
- Utilizing preventive maintenance procedures to reduce unscheduled downtime.
- Carrying out inspections on all plant electrical equipment.
- Providing guidance to junior staff in the areas of; leadership, continuous improvement, decision-making and conflict resolution.
- Inspect or evaluate Electrical Company envelopes, electrical systems, or process systems to determine the energy consumption of each system.
- Analyse technical feasibility of energy saving measures using knowledge of engineering, energy production, energy use, construction, maintenance.
- Developing relationships with external electrical suppliers.

## ***Academics***

<b>Course</b>	<b>Institute / University</b>	<b>Year</b>	<b>PERCENTAGE</b>
M.E (Electrical)	L. D. College of Engineering (GTU)	2016	69.80 %
B.E (Electrical)	MGITER (GTU)	2012	61.70%
12th	GHSEB	2008	67.80%
10th	GSEB	2006	72.29%

## ***Academic project***

### **❖ M.E.Dissertation**

**Title:** Simulation and Implementation of Solar based Single Phase Induction motor

### **❖ B.E.Project**

**Title:** DC Motor Speed control using PIC MICROCONTROLLER with Modbus Over serial line Protocol

### ***Research Publication***

1	Umang S. Patel, "Simulation of Boost Converter Topology for PV system with Perturb and Observe MPPT Algorithm" International Journal for Scientific Research & Development, Volume 3, Issue 1, March 2015
2	Umang S. Patel, Prof.A.D.Joshi, "Comparison of Various Configurations of Hybrid Active Power Filter" International Journal For Scientific Research & Development, Volume 3, Issue 3, May 2015

### ***Strength***

- Positive Attitude
- Dynamic and Energetic Personality
- Time Punctuality
- Good Communication
- Customer Friendly

### ***Technical skills***

- Well versed with Ms-office, Honeywell EBI, HAMS, Win-Pak and MATLAB

### ***Personal details***

- Date of Birth : 20th Aug 1991
- Languages Known : English, Hindi, and Gujarati.
- Sex : Male
- Address : 21, Surdhara Society, Samrajay Tenament ,  
Vastral Road, Ahmadabad - 382418, India.
- Nationality : Indian
- Marital Status : Unmarried
- Hobbies : Cricket, Reading

Thanks & Regards,

Umang Patel