

## NITIN KAVA

Lead Equipment Maintenance Specialist

### CONTACT ME

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### SOCIAL LINKS

Skype

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Twitter

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Facebook

[www.facebook.com/kavanitin](https://www.facebook.com/kavanitin)

### LANGUAGES

English

Hindi

Gujarati

### ABOUT ME

**Career Objective:** Being credited for astute ability for strategic and innovative execution during crisis, able to handle multiple projects simultaneously with high professionalism and accuracy, exhibiting cost and delivery management.

**Leadership Electrical Maintenance Professional:** Electrical Operations & Maintenance | Project Management | Technical & Troubleshooting Management | Procurement & Facility Management | Strategic Planning & Team Leadership | Continuous Improvement.

**Synopsis:** A technically competent professional with an **experience of 15+ years** in Operation and Maintenance of electrical switch gears and equipment's, Power Distribution and Transmission, Plant machineries maintenance, Projects management, Shop floor management, Vendor development, Procurement of services & capital equipment, Installation & Commissioning, Facility Management.

### ACADEMIC EDUCATION

#### Electrical Engineering

2002-2005, 66.85%

T.E.B., Sir Bhavsinhaji Polytechnic Institute, Bhavnagar

### PROFESSIONAL SKILLS

Electrical Operations & Maintenance

Technical & Troubleshooting Management

Project execution planning

Manufacturing, operations and maintenance management

Continuous Improvement and change management

Procurement & Vendor Management

Safe equipment erection & modification project management and Team Leadership

TPM, Kaizen, 5s, Manthan, WMS and BBS Implementation

ISO 9001, ISO 14001 and OHSAS-18001

### WORK EXPERIENCE

#### Lead Equipment Maintenance Specialist Since Aug' 2015

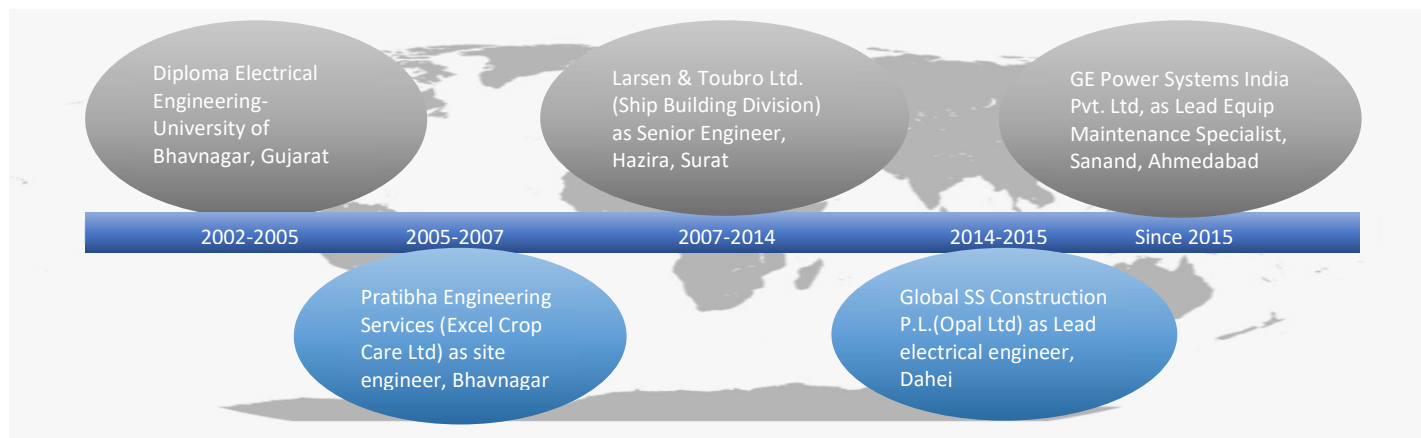
Installation, testing, Commissioning, Maintenance and performing troubleshooting of facilities equipment's includes 11 KV Substation and HT/LT switchgears, Transformers, CT, PT, SF6 Breaker, Isolator, Lighting Arrestor, Control & Relay Panel, Relay Testing & Configuration, VCB/ACB, PCC, MCC APFC Panels, HT/LT Panels, power distribution and transmission, HT/LT Motors, Motors installation and Connections, Electrical Drives, Electrical Luminaries, HT/ LT Cables, laying and termination, Control wiring of breakers, Battery Charger & Batteries, UPS, Inverter, Earthing pit layout and Other electrical components includes PLC, DCS & SCADA, DG sets and continuous improvement activities.

### TRAININGS ATTENDED

**GE Power:** One EHS as a Professional leader at GE.

**L&T Shipbuilding-Hazira:** Industrial Hydraulics and troubleshooting from CMTD Chennai | Implementation of Behavior base safety (BBS) | Communication Skill | Interpersonal skill & Personal Effectiveness.

### CAREER & EDUCATION TIMELINES:



## Academic & Certification Details

- **Academia:** Diploma in Electrical Engineering from T.E.B., Sir Bhavsinhaji Polytechnic Institute, Bhavnagar with 65.85% in 2005.
- **Certificate of Competency** Issued by Government of Gujarat in year of Oct'2006. Permit No. **G/GS-E-000437-DEE-2006**.
- **Employment Exchange** Issued by Government of Gujarat (Surat) in year of Aug'2014. Registration No. **201403719**.

## Award & Achievement

- #Bravo award: Safety Vacuum station maintenance activity in BF, Condition monitoring on RSL, Round the clock Maintenance support for Ghatampur Generator testing completion, Modification of coolant circuit for HBM in March-2021.
- Deliver with focus: Electronic set up arrangement for NSPCL mechanism trip shaft for balancing facility. It worked well and the new facility establishment done in Jan-2021.
- #Bravo award: Flood issue in Aug-2020 and entire auxiliary system submerged in water, team get engaged extensively to restore the system, this includes dismantling of Seal oil, Lube oil pumps, Motors. Get them reconditioned / repaired and testing. Repairing of DC motor in a fast track to make the Auxiliary system ready for Godda Generator testing in Nov-2020.
- Deliver with focus: Successful completion of Jawaharpur-1 & Godda1 generator running testing in Nov-2020.
- #Bravo award: Outstanding Performance in 2018 for Turnaround Generator testing in April-2019.
- #Bravo award: Repairing the steam turbine rotor for IFFCO Paradeep ahead of schedule in Feb-2019.
- Stay lean to go fast: Appreciation for your outstanding and untiring effort to maintain immaculateness a.k.a. 5S at your workplace. Keep up the efforts and Inspire others around you! As it is rightly said, "There are so many men/women who can figure costs, and so few who can measure values" In Aug-2017.
- Stay lean to go fast: Recognized with trophy and certificate for commitment for timely commissioning the tunnel cranes in Dec-2016.
- Successfully developed a New Paint booth (Single/Multi stroke) system to reduce cycle time of painting and succeed at L&T.
- Recognized to achieved and contribute as Team member for Manthan rank 2\* for in-house development of upper roller of 272MT Kobelco crawler crane.
- Recognized to achieved and contribute as Team member for Manthan rank 4\* for Reduced in cutting Cost & Increase in cutting productivity for IB projects related to on CNC-Plasma machine.
- Recognized Four certificates for Near miss reporting system to effectively and efficiently improved safety & WMS at workplace incidents, unsafe action and unsafe condition and four certificates for top 2 ranking in Safety Quiz, Spot the Hazard, Environment quiz etc.

## Professional Experience

**Aug'15 – Present: GE Power Systems India Pvt. Ltd at Sanand, Ahmedabad as Lead Equipment Maintenance Specialist Manufacturing Engineering Specialist – Balancing Facility**



### Highlights:

- Installation, testing, Commissioning, Maintenance and performing troubleshooting of facilities equipment's includes 11 KV Substation and HT/LT switchgears, Transformers, CT, PT, SF6 Breaker, Isolator, Lighting Arrestor, Control & Relay Panel, Relay Testing & Configuration, VCB/ACB, PCC, MCC APFC Panels, HT/LT Panels, power distribution and transmission, HT/LT Motors, Motors installation and Connections, Electrical Drives, Electrical Luminaries, HT/ LT Cables, laying and termination, Control wiring of breakers, Battery Charger & Batteries, UPS, Inverter, Earthing pit layout and Other electrical components includes PLC, DCS & SCADA, DG sets, EOT erection & maintenance and continuous improvement activities.
- Responsible for testing, commissioning and preventive maintenance of the power equipment's, switchgears, testing of 66/33/11kv switchyard equipment's and scheme checking, Transmission & Distribution line and establish culture of zero power issues during critical testing and documentation.
- Ensure availability of power equipment's by obeying preventive maintenance and its condition monitoring and analysis, Responsible for <4hours MTTR and >30days MTBF.
- Coordination with State Electricity Board, CEIG to get lesioning approval from government for new project.
- Some extent knowledge of maintenance of MV7000 GE make & ACS6000 ABB make low voltage frequency converter drives.

- Responsible for all electrical testing at Balancing facility like heat run test through exciter panel (up to 2000Amp), RSO test, Inter-turn to turn measurements, Impedance test, HV potential test, voltage & current measurement specially for all generator rotors while balancing. Also responsible for all auxiliary's oil systems healthiness checks.
- Maintenance planning, execution at generator running facility (GRT) and ensure availability of power equipment's and auxiliaries' systems like seal oil system, lube oil system, stator water system, hydrogen station, Raw water & cooling tower station, ACS6000 frequency converter drive, HT/LT breakers, Battery Charger & Batteries, UPS.
- Establish critical spare part list & planning for low cost spares, spare part localization, proposed annual budget and managing spare inventory and procurement.
- Development and training of peoples for problem solving capability, develop specific training program to improve specific technical competency, enhances the understanding of development and individual gets necessary tools for development, provide incentive to grow and enhance their capabilities, Identifying and selecting the right person for the right job.

#### Projects handled:

- Commissioning, testing and maintenance of 30,000 CFM ventilation, heating system for the facility.
- Commissioning, testing and maintenance of 500KVA DG set in automation mode for the facility.
- Bearing temperature measurements at DE & NDE for steam turbine and generator rotors.
- Commissioning, testing and maintenance of cooling tower systems for rotor balancing facility.

#### Previous Experience

**Mar'15 – Aug'15: Global SS Construction Pvt.Ltd.(Opal Limited) at Dahej, Bharuch as Lead Electrical Engineer – Raw Water Treatment and Ultra filtration plant.**



#### Highlights:

- Involving with erection, commissioning, operation and maintenance of ultra-filtration plant.
- Conducting operations & breakdown maintenance and performing troubleshooting of 11KV Substation, LT Motors, Installation of Motors, electric connections, motor vibrations and other parameters, control valves MCC Panels, VCB/ACB, LT Panels, AC Drives, HT/ LT Cables, Electrical Luminaries.
- Provide water production as per the production requirements and initially daily witnessing by quality department for water quality, conductivity, TDH etc.
- Pre-check of the parameters before running of the plant and making daily report of the work at end of the day.
- Committed to strictly follow the PTW/LOTO System at the facility.
- Safety precaution while using HCL, NaClO<sub>2</sub> and ClO<sub>2</sub> generation hazardous and non-hazardous chemicals, maintained safety culture in the plant.

#### Previous Experience

**May'14 – Mar'15: Sinclus Engineering Pvt.Ltd (Reliance Industries Limited) at Surat/Nagothana as Sr. Electrical Engineer - PE Plant - Surat & CPP – Nagothana.**



#### Highlights:

- Involving with the complete plant shutdown activities like 11KV Substation, Transformers, HT/LT Motors, Motors installation, Ensure electric connection as per circuit diagram, Motor vibration, bearings and other parameters, MCC Panels, VCB/ACB, HT/LT Panels (11KV), AC Drives, HT/ LT Cables, Electrical Luminaries Switchgears and other Equipment's.
- Performing troubleshooting of Electrical switchgears, Transformers, AFDs, Control wiring of breakers, UPS etc. and maintained Safety environment & WMS at the facility.
- Provided leadership & required guidance/ training to Technician team. Co-ordination with other departments, Issuance of work permits prior to beginning a work in the field. Planning, scheduling of daily work.
- Committed to strictly follow the PTW/LOTO System at the facility.
- Planning and scheduling assignments to achieve pre-set goals pre-shutdown within time parameters along with plant in charge and ensure the preliminary process to availability of the materials.
- Conducting morning meeting with plant in charge to discuss about the issues.
- Conducting daily toolbox talks to all workers.

## Previous Experience



**June'07 – Apr'14: Larsen & Toubro Limited (Ship Building Division) at Hazira, Surat**

### Growth Path:

**Oct'13 –Apr'14**

**Sr. Electrical Engineer – Kattupalli, Chennai (Collaboration with MHI)**

**Oct'10–Oct'13**

**Electrical Engineer – Electrical Maintenance - Hazira, Surat**

**Jun'07–Oct'10**

**FTC as Electrical Engineer - Heavy Engineering/Ship Building Division**

### Highlights:

- Conducting preventive & breakdown Maintenance and troubleshooting of 11KV Substation, HT/LT Motors, MCC Panels, VCB/ACB, HT/LT Panels (11KV), AC Drives, EOT Cranes, HT/ LT Cable, Electrical Luminaries Switchgears, Limit Switches, Transmitters, Load cells, Encoder, Sensors, Generator (up to 380KVA), Shot blasting & Painting machine, Compressor, Pumps, blowers, includes PLC & CNC panels Electrical Drives Panels. and continuous improvement activities.
- Erection, commissioning and maintenance of electrical equipment like Water Jet Cutting Machine, Straight/Bevel Plasma CNC Cutting Machines, Gantry/EOT cranes and Lifting Equipment's.
- Performing improvements and troubleshooting for semi-temporary Power layout, Lighting and Ventilation systems of the ships as per the requirements along with improving Safety environment & WMS at the facility.
- Implementing PTW/LOTO System at the facility along with updating Daily break down data.
- ISO documentation, MIS Report, MMR, Maintenance Schedule, Welding machine, Therlek furnace and Oven Calibration Schedule etc...
- Identifying and maintaining critical spare & updating records as per the audit requirements.

### Projects Handled:

- IB (Interceptor Boat, Indian Navy) C-401 to 414 Launched and delivered successfully.
- Team member of heavy Cargo Ship like Roll Dock-1, 2 & 3, (Wt. 8000MT) big lift-81007 Launched and delivered successfully.
- Team member in PSV-1, 2 & AHTSSVs-1, 2 Cargo Ships Mega block assembly, Tilting and launching activities.
- PSV-1 successfully launched & it was in delivery stage.
- Erection & Commissioning of Straight/Bevel CNC Messer Cutting machines.
- Modification in Plate Blasting and priming reciprocation to enhance Suction capacity and start in Automation mode to improve production & Quality.
- Modification in Power Layout for Uninterrupted Power.
- Team member for Installation and commissioning of Manitowoc (MW 2250, 272MT) Crawler Crane.
- Erection and commissioning of OGDEN Welding Gantry line machine.
- Roll dock Sea (Ship)-81001, 81002 Launched by Improving Ship Launching system and delivered successfully.
- DG/NG sets erection, commissioning, operation and maintenance.
- Electrification of yard & shop for the Ship Building Facility.
- Modification in Sand blasting machine & blowers to enhance suction capacity and start in automation mode to improve productivity & Quality.

## First Experience

**Nov'05 – Apr'07: Pratibha Engineering Services (Excel Crop Care Ltd) at Bhavnagar, Gujarat as Site Engineer**



### Highlights:

- Performing all kind of cable laying like smaller size to heavy size as per the requirement of plant in charge
- Erection, commissioning and maintenance of electrical equipment like LT/HT motors, MCC/PCC panels, DOL, Star-delta starter and Electrical control wiring.
- Improvements and troubleshooting for power distribution and transmission, Lighting and Ventilation systems of the plants as per the requirement of production in charge.
- Handling of manpower in shift and work distribution among them.
- Daily prepare all staff attendances report, every day conducting work distribution and maintained safety culture in the field.

## IT Skills

- Windows OS | MS Office | Internet Applications | BAAN ERP | SAP-HR.

## Personal Details

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