

# Amit Subhash Gurav

E-Mail ID: amitgurav716@gmail.com

Mob: 8888790933

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*Seeking managerial assignments in the areas of Operation and maintenance, Industrial Automation and Quality based position in Power sector with an aim to achieve Service excellence in the reputed organization that offers professional growth, which being resourceful, innovative and flexible.*

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## Career Abstract

- An Electronics Engineer with More than 12 years of experience in Renewable Power Sector i.e. operations, technical services, Industrial Automation, Wind Turbine Performance Analysis, Solar Plant Performance Analysis and Total Asset management. Electrical breakdown problem solving skill.
- Proficiency in providing solutions to operation team pertaining to wind turbine and Solar problems.
- Strong industry knowledge with exposure in a vast range of technologies and equipment's.
- Expertise in implementing process for Development of Dash board for effective Monitoring.
- Effective communicator with excellent relationship management & negotiation skills; possess a flexible & result oriented attitude with analytical skills.

## Areas of Exposure/Expertise

### Operations Management

- Performance Analysis and Trouble Shooting and Modifications and breakdown analysis of Wind and Solar System with hands on Experience on PLC, SCADA, DCS, HMI, AC Drives, AutoCAD and EPLAN and Electrical System, hydraulic and Pneumatic System, Smart Instrumentation and Industrial Networking.
- Designing training modules and calendar for newly joined O&M team to build capability towards first level problem solving
- Team member for safety audits and occupational health assessment for wind turbine generator and substation area.

## Organisational Experience

**22<sup>nd</sup> December 2018 to till this Date Working as a Senior Team Leader In Sterling and Wilson PVT LTD In Solar Hybrid and Energy Storage Department.**

- Operation and Maintenance of Solar Power Plant and Switch Yard.
- Performance analysis /Data analysis of Solar Plants and reporting to internal/external client.
- Solar Tracker system Single axis as well as dual axis Operation and breakdown maintenance.
- Weekly SOP preparation for PAN India Solar Plant Performance analysis and Communication Issues.
- Real time feedback to site O&M team to take corrective action against observations to minimize down time & improve plant/equipment performance
- Work with cross-functional team to proactively identify potential system performance problems.
- Develop and use analytical techniques to validate collected data.
- SAP Notification of plant performance to respective stakeholders for next action with time line.
- SCADA (existing as well as upcoming) data validation & offline historization for long term application.
- Publication (internal & External) of technical paper/reports on PV Plant Monitoring & Performance.
- Preparation weekly/Monthly MIS, and Dash board development.
- Analysing the underperforming of the plant & find out reasons of underperformance.
- Equipment performance – Analyse the equipment level performance find out the underperforming equipment- Share input to site team with area of improvement.
- Regular Site Visit in case of Major breakdowns of Modules, Inverters, PLC, SCADA and Combiner boxes to increase Generation and Performance.
- Customer Management and Manpower management. Development of the New Dash board for Effective monitoring of Solar Plant Performance and Inverter Faults.

**13th June 2012 to 21<sup>st</sup> December 2018 Working as a Senior Engineer in Wind World India Ltd as the Team Leader in Operation and Maintenance Department.**

- Leading the team of 25 Engineers for trouble shooting of Wind Energy converters.
- Supporting WAMS Team regarding No Communication Status at Site Level.
- Hands on experience of SCADA Communication infrastructure, AutoCAD and EPLAN.
- Analyse Turbine Performance by Power Curve Analysis. And Generation loss Calculation.
- Preparation of Weekly MIS reports, Work Procedure for increase the WECs availability & Customer Satisfaction.
- Resource availability guaranty for major customers to enhance the organisation productivity.
- Fault Analysing, Trouble Shooting and Modifications of Wind Turbine Control System
- Designing training modules and calendar for newly joined O&M team to build capability towards first level problem solving.
- Preparation of VSAT availability Report and SCADA Availability Report.
- Experienced in SAP (Creating Notifications, service order, and technical completion)
- Conduct monthly conference meeting with site in charge to about development, monthly experience about Major, Critical breakdowns.
- Electrical Fault solving skill to reduce MTTR and to improve MTBF of increase the availability of machine.

**25<sup>th</sup> November 2008 to 10 June 2012 Working as an Engineer in Suzlon Energy Ltd, as an Electronics & Electrical Engineer in OMS Pune**

- Leading the team of 06 Engineers for trouble shooting for products ranging from 600KW to 1.5MW wind turbine generators
- Actively involved in implementing 5's /Quality system
- Actively involved in implementing ESHQ.
- Monitoring the status wind turbines through CMS (Central Monitoring Station) for real time communication with control system
- Planning for preventive & predictive maintenance of machinery ensuring maximum machine uptime.
- Involved in the commissioning of equipment's and providing technical support during any fault/malfunctioning.
- To monitor all the machine, we use Supervisory Control & Data Acquisition System (SCADA)
- To control a machine, we use Programmable Logical Controller (PLC)
- Sensors are used for safety of a costly electrical equipment (Temperature, Vibration, Rotary, Pressure)
- Electrical Switchgear (A.C.B, V.C.B, M.C.B, M.P.C.B, Fuses, Relay)
- Commissioning and testing of wind turbine generator and its components
- Fault Analysing, Trouble Shooting and Modifications of Wind Turbine Control System
- Designing training modules and calendar for newly joined O&M team to build capability towards first level problem solving
- Ensuring maximum uptime and machine availability to customer by eliminating repeated errors.
- Hands on experience in HT yard, transformer (1500 KVA), CT, PT, Isolator and transmission line
- Trouble shooting for problem in WTG.
- Commissioning Programming and Troubleshooting of Servo converter system (LUST Drive)

**1st May 2007 to 2nd June 2008, worked as a Junior Engineer in Multiflex Lami Print Ltd Mahad (Raigad) in Electrical & Maintenance Department.**

- Working Profile-Break down maintenance of Printing, Slitting, Pouching, Lamination, Extruder Coating machines according to Electrical Drawing.
- Maintenance of D.C & A.C Motors

- ISO Documentation.
- Total Quality Management of Machinery & System to Reduce Break down Time

**27 July 2006 to 8th January 2007. Worked as a Trainee Engineer in PUNJ LLOYD LTD, in Instrument Department. in LNG Project, Dabhol. (Ratnagiri)**

Working Profile- Erection of instrument i.e. Temperature Transmitter, pressure gauges, valves, Fire alarm system, Calibration instrument according to P&ID diagrams, & maintenance.

### **Academia**

B.E (Electronics) in 2005 from Mumbai University (FAMT, Ratnagiri) with 59.78%.

Project – Microcontroller System for Door Opening.

### **Skills**

PLC: Allen Bradley, Siemens, Mitsubishi.

SCADA: Wonderware InTouch.

DCS: Delta V and Yokogawa

HMI, AutoCad, EPLAN

MS Office, Power Point, SAP,

C Programming and C++

### **Achievements**

Gold Award Winner for outstanding Achievement and leadership in the Wind Industry for Best Control Centre in IWEF 2017, Chennai.

### **Strengths**

Good interpersonal skill, always focusing on new learning

Good presentation skill

Good Leadership Quality

Determined, dedicated and disciplined

### **Personal Details**

Name : Amit Subhash Gurav.

Permanent Address: At-Birvadi, Tal-Mahad, Dist-Raigad.

Present Address : Sai Jay Co-op Hsg Society, B/12 Raj Nagar, Nalasopara (E), Thane.

Date of Birth : 26-02-1981

Language known : English, Hindi, Marathi

Marital Status : Married.

Interest : Playing Chess, Cricket & Drawing

Nationality : Indian

### **Declaration**

I hereby declare that the above information is true to the best of my knowledge

Date / /

**Amit Gurav.**