

Suraj Gadhave

✉ surajrit15@gmail.com ☎ 9730863092 📍 At Post Hol, Tal Baramati Dist Pune, 412306 Pune, India

in <https://www.linkedin.com/in/suraj-gadhave-b1b344119/>

Career Objective

To succeed in an environment of growth and excellence and to have a job which provides me job satisfaction and self development and help me to achieve personal as well as organization goals.

Professional Experience

04/2019 – present
Pune, India

Graduate Trainee Engineer

Maharashtra Natural Gas Ltd.

- Involved in various hand on operation related with power system equipment like transformer and power factor regulation.
- Erection and commissioning of Panels, Stabilizers, Motors.
- Planning of Monthly monitoring Transformer-Rectifier Unit and Pipe to Soil
- Potential of steel pipeline and Executing with the coordination of Contractor.
- Installation of Transformer-Rectifier Unit with co-ordination of contractor and Monitoring it for 72 Hrs.
- Involved in plant Pre-commissioning and commissioning activities.
- Electrical Testing: Transformer Oil Test, Megger Test, Earth Test, Continuity Test, Bus Bar Testing.
- Planning and execution of the Hydro-testing activity of the stationary and mobile cascades with the coordination of contractor and technician team.
- Planning and attending Odorant filling activity at CGS-MNGL required to odorize the gas.
- Monitoring the production cost of the CNG as per CNG Stations Costing sheet.
- Preparing Action taken reports (ATRs) of the points from the Safety Audit of the sites.
- Daily Monitoring of CNG station operations.
- Conducting electrical Audits for CNG Stations.
- Preparation of compressor Gas Loss sheet, Volumetric Efficiency analysis of compressors, Capacity Utilization analysis of CNG Stations.
- Attending complaints related to power supply issues, UPS, Stabilizers.
- Attending CNG rate change activity.
- Involved in tendering, Technical bill analysis and billing activities.
- Involved in the Operation of Medium Pressure MDPE gas pipeline & Commercial & domestic installation.
- Worked on standards required gas plant operation e.g T4S, IS335, IS3043.

05/2018 – 12/2018
Pune, India

Electrical Engineer

Fevino Industries

- Actively involved in installation and maintenance of solar devices like Solar street light.
- Maintained team of 4 technician for the installation of the project in co-ordination with rural government authority.
- Maintained technical documentation related with the installation.
- Provided customer friendly service for any technical and non-technical issues.

Education

07/2013 – 06/2017 Sangli, India	Bachelor of technology in Electrical Engineering <i>Rajarambapu Institute of Technology, Sakharale</i> Successfully completed program with Average CGPA 7.26 & "First Class" honors.
06/2011 – 05/2013 Pune, India	HSC <i>Modern College of Arts, Science and Commerce</i> Percentage- 68.83%
Phaltan, India	SSC <i>Yashwantrao Chavan High-School</i> Percentage- 91.64%

Projects

Inverter Control scheme to supply critical load with battery storage.

- Software Used- MATLAB (Toolbox: Simulink, Electric Power System)
- In this project team worked on prototype 24 hrs uninterrupted power supply to critical load like hospitals, server rooms.
- In this system based on the grid voltage and current hysteresis current controller is designed.
- Input to the inverter is given from wind generator along with battery to store energy.

Car Washing Plant Automation

Prototype

Software Used: Programmable Logic Controller.

Programmed full process of vehicle washing in ladder logic.

Software & Language Skills

MATLAB Simulink	Programming Logic Controller (PLC)
SAP MM	MS Office
Windows	Basic C

Soft Skills

Technical Data Analysis	Technical Support
Analytical Skills	Problem Solving Ability
Quick Learner	MS Excel, MS Power Point

Certificates

- Completed software training at 'PROLIFIC INSTITUTE, PUNE', about PLC and SCADA.
- Completed training at 'Badwe Engineering Ltd, Ranjangaon'

Publications

Inverter Control scheme to supply critical load with battery storage

Anand Khatavkar, Suraj Gadhav, Shubham Diwate, Kshitija Ingale

IEEE conference 2017, Karur Tamilnadu.

Interests

- Cricket
- Travelling