

# KUNAL JANGALE

## ELECTRICAL ENGINEER

### INTRODUCTION

Electrical Engineer seeking an opportunity in the industry to achieve organisational goals equipped with technical skills and a strong will to learn.

### PROFESSIONAL SKILLS

- Electrical testing
- Designing on AutoCAD Electrical
- PLC programming in ISP Soft and Flexisoft
- HMI screen design in Flexisoft
- Communication skills
- Leadership skills

### CONTACT DETAILS

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### LANGUAGES

- English
- Marathi
- Hindi
- Español

### ACADEMIC PERFORMANCE

#### Lokmanya Tilak College of Engineering

- B.E. in Electrical Engineering (2020)
- Graduated with a CGPA of 7.52

#### South Indian Association High School and Junior College

- HSC (2016)
- Passed with 70.4%

#### Don Bosco High School

- SSC (2014)
- Passed with 90.4%

### EXPERIENCE

#### Vertiv Energy Pvt Ltd, Ambernath

- Role: Electrical Testing Engineer (Degree Apprentice)
- Date: December 2020 - March 2021
- Performed low voltage and high voltage test on UPS modules as per procedure
- Executed testing of 30kVA and 40kVA rated Power modules and 120kVA, 150kVA and 200kVA rated Bypass modules
- Performed test on Network Power Switch modules and produced test reports
- Diagnose and troubleshoot products that failed in the manufacturing process
- Ensured that the product quality targets are met as per company standards

#### Vivacys Controls, Dombivli

- Role: Project Engineer (Intern)
- Date: July 2020 - September 2020
- Developed ladder logic for PLC and screens for HMI
- PLC and HMI interface
- Modified ladder logic as per customer requirements

#### Blue star limited, Dadra

- Role: Internship
- Date: 11 June 2018 - 15 June 2018
- Observed basic working of Air Conditioners

#### Samcon Industrial Controls, Asangaon

- Role: Internship
- Date: December 2017 - January 2018
- Studied various types of Control Panels
- Assembly and wiring of Control Panels

#### Project on Design and Control of Auto Mains Failure Panel using Wi-Fi and Gateway Controller

- Proposed system displays parameters such as Voltage, Current, Power Factor, Active Power, etc on Auto Mains Failure panel as well as on Android mobile phone using MYMQTT app.
- Published a research paper on International Journal of Scientific Research & Engineering Trends, Volume 6, Issue 3, May-June 2020.

### AWARDS

- Third Prize winner at Tantragyan - A national level project competition.
- Certification In "Autocad Electrical" from Udemy and LinkedIn.
- Certification in "Industrial control panel designing and Autocad" from Precon automation.
- Certified "Energy Literate" from "Energy Swaraj Foundation.
- Intermediate drawing exam (A)