



# Ruchit Prajapati

## Electrical Engineer

I am a focused and very enthusiastic person, keen to learn new things and new Technologies. To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trust me with responsibilities and challenges.

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## EDUCATION

### B.E, Electrical Engineering

Vishwakarma Government Engineering College, Ahmedabad, India

07/2019 - 05/2023

7.77 CGPA

### Higher Secondary (12th GHSEB)

Nutan Vidhya Vihar, Ahmedabad, India

06/2017 - 05/2019

Percentage : 71.67%

### Secondary Education(GSEB)

Prakash Secondary and Higher Secondary School, Ahmedabad, India

05/2016 - 05/2017

Percentage : 74.17%

## WORK EXPERIENCE

### Industrial Training

Kalpataru Power Transmission Limited(KPTL)

02/2023 - 05/2023

Gandhinagar, Gujarat

*Achievements/Tasks*

- An internship at KPTL would provide hands-on experience in the design, manufacturing, and Testing of transmission towers. During the internship, the tasks may include assisting in the drafting and design of transmission towers, Additionally, learn about quality control procedures, safety measures, and project management techniques related to power transmission tower construction.

### Industrial Training

Gandhinagar Thermal Power Station- GSECL

06/2022 - 07/2022

Gandhinagar, Gujarat

*Operation And Maintenance of Heavy-Duty Machines*

*Achievements/Tasks*

- Coal Plant Management, Overview of Generator, Transformer, Electrical Maintenance Of Heavy-Duty Generator and Motors, Condition Monitoring of Heavy-Duty Machines, Switch Yard Protection System, Transmission System and Distribution Process, Emergency Supply System, Electrical Safety and Legal Requirement

### Internship Trainee

Spark Innovation

06/2022 - 06/2022

Vadodara, Gujarat

*Electrical vehicle components R&D*

*Achievements/Tasks*

- I Learnt Various Things Related to Electrical Vehicle like, Components, BMS, Types Of BMS, SOC Estimation, SOC Estimation Techniques, Thermal Management System and it's Types, Techniques of Battery Cooling, Motors, Controller, Charger.

## SKILLS

Python

C Programming

Artificial intelligence

Machine learning

Network Analysis

Leadership

Teamwork

MS office

Training & Development

Adaptability

## PERSONAL PROJECTS

### Android Based Electrical Appliances Control

(06/2021 - 05/2022)

- In this project, I will show you how to control electrical appliances through Bluetooth using Arduino, HC-05 Bluetooth Module and relay module . On the other end of the Bluetooth Communication, I will be using a Smart Phone and a simple Android App to control the Electrical Appliances.

### House security system (01/2021 - 05/2021)

- Our device is like an usual alarm which contains devices like microcontroller & ultrasonic wave related devices. This devices is settled up on the door, and anyone try to open door then alarm and lights start their working.

## CERTIFICATES

### TASVEER - Capturing Emotions (01/2022)

*First prize in TASVEER - Capturing Emotions on the theme of Makar Sankranti and Societal Values organized by VGEC Photography Club*

### Electric Vehicle Battery Charging Motor Components - Basics (12/2022 - 01/2023)

*Udemy course*

## LANGUAGES

Gujarati

*Native or Bilingual Proficiency*

Hindi

*Native or Bilingual Proficiency*

English

*Professional Working Proficiency*

## INTERESTS

Cricket

Photography

Reading

Volunteer Work