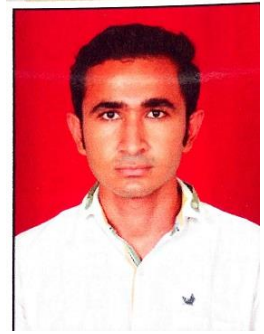


# Bhargav Ravindrabhai Patel

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Aadhar Number: 4010 6514 9636



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## Career objective:

Looking forward to work in an organization where I can have long association. Provided with good learning opportunities and a rewarding career where individual talent, skills, honesty and hard work are acknowledged.

I worked total 2 years in Gandhinagar & Ahmedabad. Basically I am from Morbi. Recently shifted to Morbi. I want to start my career in Morbi in technical field or non-technical field. Interested in both technical work or official work.

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## Academic qualification:

| Degree | Academic year | Institute/university      | Percentage         |
|--------|---------------|---------------------------|--------------------|
| SSC    | March 2012    | GSEB Gandhinagar Gujarat  | 86.40 (P.R. 96.99) |
| HSC    | March 2014    | GHSEB Gandhinagar Gujarat | 68.00 (P.R. 80.63) |

## Graduation:

**Government engineering college, Bhavnagar** (August 2014 – May 2018)  
**Electronics and communication engineering** in institute of degree studies

- CGPA of 7.04

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## Technical Skills:

- Python GUI programming using **Tkinter** (PyCharm, Thonny IDE)
- Siemens, Allen Bradley and Mitsubishi GOC PLC + HMI programming

- Familiar with TIA PORTAL, STUDIO 5000, FACTORYTALK VIEW STUDIO softwares.
  - Modbus RS485 between Siemens PLC and Drives
  - Electrical panel drawings
  - Familiar with Schneider ATV series drives and Siemens V20 inverter drive
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## Training:

- P.G. Diploma in **Industrial Automation** at Prolific systems & tech. pvt. Ltd. Ahmedabad
  - I had an internship/training of 6 months – PLC programming (Allen Bradley, Siemens, Delta, Mitsubishi PLCs)
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## Experience:

### ❖ ***Total 32 months of work experience.***

- **1st Company:** Roop Telsonic Ultrasonix Ltd., Gandhinagar-Gujarat
- Position: Junior Software Engineer (R & D department)
- Period: Aug 2019 – Oct 2020
- Duties:
  - **Software development** - Python GUI programming using Tkinter (graphical user interface) programming for pc based system developing for industrial pc to communicate with Siemens PLC (S7-1200).
  - **PLC + HMI programming** – programming of **Ultrasonic cleaning machines** equipped with pneumatic reed switches, pumps, solenoid valves, level switches, proximity sensors, heaters and RTD sensors.
  - **Communication interface** – Modbus RS-485 to communicate between Ultrasonic generators and Siemens PLC (S7-1200).
  - **Electrical drawings** – working knowledge of electrical drawings for panels.
- **2nd Company:** Arvind Corrotech Ltd., Changodar-Ahmedabad, Gujarat

- Position: Junior Electrical Engineer (Electrical & Automation Dept.)
- Period: Nov 2020 to Feb 2021
- Duties:

- **PLC + HMI programming** – programming of **Gas & Diesel based Galvanizing Furnace (Zinc Galvanizing)** equipped with Burners, Flame Sensors, Ignition transformers, solenoid valves, thermocouples, motors, pumps and limit switches.
- **Communication interface** – Modbus RS-485 to communicate between target device and Siemens PLC
- **Electrical drawings** – working knowledge of electrical drawings for panels.

- **3rd Company: Mechatron System, Ahmedabad, Gujarat**

- Position: PLC Engineer
  - Period: Feb-2021 to July-2021
  - Duties:
    - **PLC + HMI programming** – programming of Filter Press equipped with Hydraulic system, Proximity Sensors or Limit Switches, Pressure switches, solenoid valves, thermocouples, motors and pumps.
    - **Communication interface** – Modbus RS-485 to communicate between target device and Siemens PLC.
    - **Panel** – Wiring modifications as per requirement.
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**Other activities:**

- Singing, playing instruments (Harmonium, Keyboard, Flute, Guitar)
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**Personal details:**

- **Date of birth:** 11-12-1996
- **Languages known:** Gujarati, Hindi, English
- **Marital status:** Single
- **Nationality:** Indian
- **Hometown:** Morbi (Gujarat)

**Declaration:**

- I hereby declare that all the information provided is factual and correct to the best of my knowledge and belief.

**BHARGAV R. PATEL**