

# Hiren Bhanushali

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## EDUCATION

### Shah & Anchor Kutchhi Engineering College

Bachelors in Electronics Engineering(Ongoing) - 8.92

2017-2021

### A.A.V. Patel Jr. College

Higher Secondary Education -76.46%

2015-2017

### SMT. Surajba Vidya Mandir

SSC - 82.8%

2004-2015

## WORK EXPERIENCE

### Research Cell - SAKEC - Intern

Jan 19 – April 19

- Product development for Roti Bank which is a non-profit, food rescue organisation that bridges the gap between hunger and excess food.
- The device was made to detect whether food is spoiled or not based on parameters like pH level and others.
- My role on this project was to help with the programming of the Hardware using C language and improve efficiency by successfully calibrating and testing the device.

### IOT Workshop - SAKEC - Trainee

June 19 – July 19

- Worked with different Microcontroller Boards like Arduino & NodeMCU, interfaced various sensors to them.
- Also, worked with Microprocessor Board Raspberry Pi & interfaced camera module and used different WiFi & Bluetooth functionalities of the board.

## TECHNICAL SKILLS

### Languages

Python, Java, JavaScript, C

### Frameworks

Django

### Databases

Oracle

## PROJECTS

### Ecommerce Store

*Tech Stack: HTML, CSS, JavaScript, Django, SQLite3.*

- Developed a web based application for online food and grocery store with features like add to cart, place order, admin panel and many more.

### Stock Analysis Tool

*Tech Stack: HTML, CSS, JavaScript, Django.*

- Developed a web based application that collects real time stock data and detects common candlestick patterns, movements in moving averages, MACD, RSI.

### Password Generator

*Tech Stack: HTML, CSS, JavaScript.*

- Developed a web application which helps users generate a strong password based on a simple one. So, that they don't face trouble memorizing it.

### Home Automation with Google Assistant

*Tech Stack: C, NoSql(Firebase), NodeMCU, DialogFlow API.*

- Developed a Hardware circuit which helps to control the home appliances using custom voice commands.

## CERTIFICATIONS

**Coursera:** Algorithmic Toolbox

**Hackerrank:** Problem Solving (Basic) Certificate, Python (Basic) Certificate

**Udemy:** Complete Python Developer in 2020: Zero to Mastery

## ACHIEVEMENTS

- Competed in Round 2 of hackwithinfy 2020
- Qualified for Round 1 of Facebook Hacker Cup 2020