

Hiren Bhanushali

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EDUCATION

Shah & Anchor Kutchhi Engineering College

2017-2021

Bachelors in Electronics Engineering(Ongoing) - 8.92

A.A.V. Patel Jr. College

2015-2017

Higher Secondary Education -76.46%

SMT. Surajba Vidya Mandir

2004-2015

SSC - 82.8%

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