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 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 base 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	Frameworks	Databases
Python, Java, JavasScript, C	Django	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