

RUCHIT PATEL

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Summary

Seeking a meaningful role in a respected organization where I can apply my programming and frontend development skills, contribute to impactful projects, and grow professionally.

Accounts

- [Github](#)
- [Linkedin](#)

Skills

PROGRAMMING SKILLS : HTML5, CSS3, JavaScript, C, BootStrap, SQL, React(Basic)

TOOLS : Visual Studio Code, Turbo C++, Arduino IDE, MySQL, Git, GitHub, JSON

Experience

IBM | Remote

Frontend Web Developer Intern | 06/2024 - 08/2024

- During my IBM internship, I focused on frontend web development, designing responsive interfaces, integrating APIs, and optimizing performance. I contributed to a Sustainable Development website, leveraging IBM's advanced tools and collaborating with a dynamic team to deliver impactful projects.

IBM | Remote

AI/ML Intern | 06/2024 - 07/2024

- As an AI/ML Intern at IBM, I designed and implemented conversational flows for a Resort Chatbot using IBM Watsonx, enhancing user experience. I integrated services like resort amenities, booking options, and customer inquiries, ensuring the chatbot was responsive and capable of handling multiple interactions simultaneously. I collaborated with team members to boost the chatbot's functionality and accuracy, and rigorously tested and optimized it for quick and reliable performance.

Education

Aadharshila School | Ahmedabad, Gujarat

Primary Education

Percentage : 85.33%

Navyug School | Ahmedabad, Gujarat

Higher Education

Percentage : 85.53%

Vishwakarma Government Engineering College | Ahmedabad, Gujarat

Electronics and Communication

Current CGPA : 8.37

Certificates

1. **Coding Ninja Tricolor Code Fest** - Rank : 1214

2. **Introduction to Digital Business Skills By HP Foundation** - Developed a diverse set of skills related to digital business, including understanding online market trends, and applying strategies for effective digital transformation.

3. **TCS iON Career Edge-Young Professional** - Acquired a comprehensive understanding of essential soft skills, including communication and teamwork, while also deepening my knowledge of ethical principles and their application in professional settings.

Achivements

Google Arcade Event

- 2023 - Standard Tier Swags
- 2024 - Advanced Tier Swags

Campus Ambassador

- LetsUpgrade (2023-2024)
- My Gov(2022-2025)

Projects

Dictionary Web Page

- Implemented a **responsive** Dictionary Web Page using **HTML**, **CSS**, and **JavaScript**. Implemented real-time word lookups with **definitions**, **synonyms**, and **example sentences** by integrating a **Dictionary API**. Focused on creating a user-friendly interface with efficient **search** functionality and mobile-friendly design.
- Technologies Used: HTML, CSS, JavaScript
- URL : [Click Here](#)

Smart Blind Stick

- Designed a Smart Blind Stick using **Arduino**, an **ultrasonic sensor**, and a **buzzer** to assist visually impaired individuals in navigating more safely. The device **detects obstacles** and provides **audio alerts** to enhance hazard awareness. It's powered by a **rechargeable battery** with a simple on/off switch for ease of use. This project is designed to improve independence and confidence in daily navigation.
- Components Used: Arduino, Buzzer, Battery, Ultrasonic Sensor, Switch, Jumper wires
- URL : [Click Here](#)

Candy Game Using C Language

- Developed a **Candy Game** in **C** where **candies** fall from random x-planes, and the player controls a **movable bucket** to catch them. Implemented a **scoring system** that increases the score with each successful catch and keeps it static if missed. Added a **lifeline feature** with three chances to make the game more engaging. Used **real-time collision detection** to ensure accurate scoring and lifeline management, while focusing on intuitive controls and responsive mechanics to enhance the overall **user experience**.
- Technologies Used: C
- URL : [Click Here](#)

Personal Portfolio Website

- Created a personal **portfolio website** to showcase my **frontend development** skills. The site includes my professional information, project portfolio, and ongoing **enhancements** to improve both **functionality** and **design**.
- Technologies Used: HTML,CSS,JavaScript,Bootstrap
- URL : [Click Here](#)

Bluetooth Controlled Car

- I'm currently working on developing a **remote-controlled car** using an **Arduino board** and a **Bluetooth module**, aiming to control it via a smartphone app. The project involves integrating components like **motors**, a **motor driver**, and a **power supply** to manage the car's movements. I'm programming the Arduino to handle **Bluetooth communication** and execute commands for various directions such as forward, backward, left, and right. I'm also tackling technical challenges related to **signal transmission** and motor control, which is greatly enhancing my troubleshooting and problem-solving skills.
- Components Used : Arduino, Bluetooth Module, Battery, Wires, Motor driver
- URL : [Click Here](#)

Hobbies and Interests

- Professional Networking
- Community Involvement
- Learning New Technologies

