Ritika Srivastava

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Education

Vellore Institute of Technology September 2021 – May 2025 *B.Tech - Electronics and Communication Engineering, 8.19/10 GPA*
Bhopal, MP Kendriya Vidyalaya Aliganj May 2018 – July 2020 *Class XII, Class X Lucknow, UP*

Work Experience

Internship at Bhart Inter August 2023– September 2023 Worked as an intern at Bharat Inter and gained valuable experience Developed a professional portfolio website using HTML and CSS to showcase my technical skills, projects, and achievements. The website emphasizes responsiveness, interactivity, and user-friendly design.

Designed and implemented a web application utilizing HTML, CSS, and JavaScript to convert temperature units between Celsius and Fahrenheit. The project demonstrated proficiency in frontend development and data manipulation.

Web Developer June 2022

- Proficient in:
  HTML,CSS,JavaScript
- Created a web-based calculator:
  - Description: Developed a web-based calculator using HTML, CSS, and JavaScript that performs basic arithmetic operations and displays the results.
- Basic knowledge of:
  C++ programming language, a little bit knows about java language.
- Use online platforms (LeetCode, Vscode, GeeksforGeeks and Hackerrank) for:
  - Learning and practicing web development
  -Improving coding skills

Projects

Personal Portfolio Website

- Description: Designed and developed a personal portfolio website using HTML and CSS to showcase my skills, projects, and achievements.

Temperature Unit Converter

- Description: Created a web application using HTML, CSS, and JavaScript to convert temperature units between Celsius and Fahrenheit.

Hardware Projects

- Title name of the project: Smart Street Light
- Description: The Smart Street Light will only work when it is dark and the light will only glow when there is a vehicle on the road. Each street light will depend on the sensor used which IR sensor to detect the vehicle movements on the road. If the IR sensors detecting a motion on the road the lights will automatically turned ON and if there is no motion on the road the light will be turned OFF, also we add one buzzer this buzzer help to speed detection system which can be used to warn the citizens nearby for an incoming high speed vehicle.
- Component: Worked on hardware projects involving Arduino, sensors, LEDs, etc.

Technical Skills

Languages: C++, HTML/CSS, and JavaScript
Technologies: VS Code, and GIT/GitHub

Achievements

- Solved over 100+ problems on LeetCode.
- Top open-source contributors in GSWoC-23 also contributed to Hacktoberfest-23.
- On GitHub, there have been more than 260+ commits and 295+ total contributions, with the longest streak being 161 days.

Extracurricular and Responsibilities

- School Level: Participated in athletics, securing a bronze medal in a school competition.

- *College Level: Joining both the Microsoft and Antrix clubs, and actively participating in contests and events.*