Sarthak Chaurasia

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EDUCATION

ABES Engineering College	**Ghaziabad, Uttar Pradesh**
BTech and Information Technology - [7.3]	*July 2021 - July 2025*
Sacred Hearts Sr. Sec. Public School	**Bareilly, Uttar Pradesh**
Senior Secondary (12th) and PCM - [85.6]	*2021*
Sacred Hearts Sr. Sec. Public School	**Bareilly, Uttar Pradesh**
Secondary (10th) - [90.2]	*2019*

TECHNICAL SKILLS

Programming Languages: C/C++, Python, SQL, HTML, CSS, Javascript
Developer Tools: VS Code, Jupyter Notebook, Oracle, MySQL
Technologies/Frameworks: GitHub, DBMS

WORK EXPERIENCE

Web Development Intern
Code Clause   *April 2024 - May 2024*

- Developed a Weather App: Built a user-friendly weather application that fetches real-time weather data using APIs. Implemented features like current weather conditions, 7-day forecasts, and weather alerts. Ensured responsive design for optimal performance across various devices.
- Implemented Temperature Converter Tool: Developed a web-based temperature converter tool allowing users to convert temperatures between Celsius, Fahrenheit, and Kelvin. Employed intuitive UI design and efficient algorithms for accurate and fast conversions.
- Designed and Developed Landing Page: Created an engaging and visually appealing landing page for a client's product/service. Focused on user experience and conversion rate optimization. Utilized HTML, CSS, and JavaScript to ensure a seamless and interactive user experience.

PROJECTS

- **Sorting Visualizer**: It is an interactive web-based sorting algorithm visualizer that visually demonstrates how different sorting algorithms work. Built using HTML, CSS, and JavaScript, this tool allows users to visualize and better understand how various algorithms like Bubble Sort, Selection Sort, Merge Sort, Quick Sort, etc. step by step. It also helps develop strong skills in DOM manipulation, animations, and algorithm optimization. GitHub

- **Chatbot**: It is a basic web-based chatbot implemented using HTML, CSS, and JavaScript. The chatbot allows users to interact with it through a simple conversational interface that simulates a typical chatbot response system. This project demonstrates the integration of frontend technologies to create an engaging user experience. It is an excellent introduction to building interactive web applications using core web technologies, making it a good starting point for further chatbot or frontend development projects. GitHub

- **Code Editor for HTML CSS and Javascript**: This project involves creating a basic in-browser code editor using HTML, CSS, and JavaScript. The editor allows users to write, edit, and preview HTML, CSS, and JavaScript code directly in the browser, making it an educational tool for learning and experimenting with web development. It is ideal for anyone looking to explore how in-browser development tools work, and it provides hands-on experience with core web technologies like HTML, CSS, and JavaScript. GitHub

CERTIFICATES

- AWS Academy Cloud Foundations (Practitioner Essentials)
- Programming essential in Python (Infosys Springboard)
- Problem-Solving (HACKER RANK)
- Basics-SQL (HACKER RANK)

ACHIEVEMENTS / EXTRACURRICULAR

- Secured FINALIST position at hackCBS(Hackathon) in Shaheed Sukhdev College of Business Studies, New Delhi
- Registration Lead: CreativeU Society ABESEC
- 100+ Coding Problems solved on different coding platforms
- Secured 3rd position in mobile gaming event