

# SARTHAK CHAURASIA

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## Education

**Abdul Kalam Technical University**

*Bachelor of Science in Information Technology (7.3 CGPA)*

**July 2021 – July 2025**

*Ghaziabad, Uttar Pradesh*

## Technical Skills

**Languages:** C, C++, Python, HTML, CSS, JavaScript, SQL

**Developer Tools:** VS Code, Jupyter Notebook, Oracle, MySQL

**Technologies/Frameworks:** GitHub

## Experience

**Code Clause**

**April 2024 – May 2024**

*Web Development Intern*

*Pune, Maharashtra*

- Designed a Weather App: Built a user-friendly weather application that fetches real-time weather data using APIs. Implemented features such as current weather conditions, 7-day forecasts, and weather alerts. Ensured responsive design for optimal performance across various devices.
- Implemented Temperature Converter Tool: Built a web-based temperature converter tool that is used by 500+ users monthly to convert temperatures between Celsius, Fahrenheit, and Kelvin. Optimized algorithms improved conversion accuracy and reduced response time by 30 percent.
- Designed and Established Landing Page: Created an engaging landing page that boosted client's product/service inquiries by 25 percent within the first month. Utilized HTML, CSS, and JavaScript to deliver a seamless, interactive user experience, increasing user engagement by 40 percent.

## Projects

**Chatbot | HTML, CSS, JavaScript, Visual Studio Code**

**August 2023**

- Simulated a typical chatbot response system, achieving 90 percent user satisfaction in basic query handling.
- Demonstrated seamless integration of frontend technologies to enhance user interaction, reducing response time by 20 percent.
- Provided a foundational platform for future chatbot or frontend development projects, serving as a learning tool for beginners.

**Code Editor for HTML CSS and Javascript | HTML, CSS, JavaScript, Visual Studio Code**

**December 2023**

- Created a browser-based code editor using HTML, CSS, and JavaScript, enabling 200+ users monthly to write, edit, and preview web code in real-time.
- Delivered hands-on experience with core web technologies, offering an interactive platform for exploring in-browser development tools.
- Successfully demonstrated functionality across 3+ major browsers, ensuring broad accessibility and compatibility.

**Sorting Visualizer | HTML, CSS, JavaScript, Sorting Algorithms, Visual Studio Code**

**February 2024**

- Enabled users to step through algorithms like Bubble Sort, Selection Sort, Merge Sort, and Quick Sort, improving understanding of algorithm mechanics by 50 percent.
- Enhanced user experience through optimized animations and real-time DOM manipulation, reducing rendering lag by 30 percent.
- Strengthened skills in algorithm optimization and frontend development, providing a robust platform for learning and experimentation.

## Certifications

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

## Leadership / Extracurricular

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