VANSHIKA SAXENA

Mathura, U.P.

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Education

GLA University   **Sep. 2023 – Present**
Bachelor of Science in Computer Science — 7.27 CPI   *Mathura, U.P.*

Sant Atulanand Convent School   **Apr. 2022 – Apr. 2023**
12th Standard (PCM) – Secured 68%   *Varanasi, U.P.*

Projects

To-Do App (Front End) | *HTML, CSS, and JS*
[*Personal Project*]

- Designed and developed a web-based task management application using **HTML,CSS,JS**, enabling users to efficiently add, update, and delete tasks.
- Implemented local storage to maintain task persistence across sessions, improving user experience.
- Applied modular **JavaScript** techniques for better code organization and scalability.
- Created a responsive and minimal UI using modern CSS practices, ensuring compatibility across devices.

Age Calculator (Frontend) | *HTML,CSS,JS*
[*Personal Project*]

- Built an interactive Age Calculator web app leveraging JavaScript's Date object for precise age computation in years, months, and days.
- Developed a responsive and cross-platform UI with HTML and CSS, optimized for mobile and desktop devices.
- Enhanced project maintainability by applying clean coding practices and DOM manipulation techniques.
- Collaborated with a cross-functional student team to improve project delivery efficiency by 10%.

Technical Skills

Languages: JavaScript, Java, C, Python ,HTML,CSS
Database: MySQL
Libraries/Frameworks: TensorFlow,Keras,PyTorch,Scikit-learn,NumPy,Pandas,Matplotlib,Seaborn
Version Control: Git, GitHub
Tools/IDEs/OS: VS Code, Windows

Achievements

- Designed and implemented an IoT Smart Home Automation system, integrating sensors and automation features; awarded 2nd prize in a college innovation event.
- **80+ LeetCode** problems solved – strong grasp on **DSA** (LeetCode Profile).
- 15+ GFG problems solved (GFG Profile), – active in competitive coding.

Relevant Coursework

- Data Structures
- Algorithms
- Database Management
- Operating Systems
- Object Oriented Programming
- Computer Networks