Aayushma K.C

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Profile

Passionate about creating engaging user experiences through intuitive and visually appealing interfaces. Eager to leverage my skills and enthusiasm to contribute to dynamic projects and collaborate with talented teams. Committed to continuous learning and growth in the rapidly evolving field of web development.

Education

- Bachelor of Science in Computer Science and Information Technology (BSc.CSIT)
Bhaktapur Multiple Campus, Bhaktapur

- +2 (Higher Secondary Examination)|Banepa Nist,Banepa| 2021

- Secondary Education Examination (SEE)|Kavre English Secondary School, Kavre|2018

Technical Skills & Abilities

Techincal Skills:

1. Proficient in HTML and CSS for creating and styling web pages.

2. Experienced in JavaScript for adding interactivity and dynamic functionality to web applications.

3. Skilled in React.js for building user interfaces and single-page applications (SPAs). 4. Knowledgeable about modern web development tools and practices, including version control systems (e.g., Git), package managers (e.g., npm).

5. Familiar with design frameworks like Bootstrap for rapid development of responsive web interfaces.

Programming Languages:

1. Proficient in C and C++ for developing algorithms, data structures, and system-level applications.
2. Knowledgeable in Data Structures and Algorithms (DSA) for efficient problem-solving and algorithm optimization.

Database Management:

1. Experienced in MySQL for database management, including schema design, querying, and optimization.

Projects

Checking Password Strength Tool:

Technologies Used: HTML, CSS, JavaScript

Description: Developed a tool to assess the strength of user passwords based on predefined criteria, such as length, complexity, and character variety. Users can input their passwords and receive real-time feedback on their strength, helping them create more secure passwords.

Credit Card Validator:

Technologies Used: HTML, CSS, JavaScript

Description: Created a utility to validate credit card numbers entered by users, ensuring they adhere to standard formats and checksum algorithms. The tool provides immediate feedback to users on the validity of their credit card numbers, enhancing the security of online transactions.

Guessing Random Number Game:

Technologies Used: HTML, CSS, JavaScript

Description: Developed an interactive game where users attempt to guess a randomly generated number within a specified range. Users can input their guesses and receive feedback on whether they are correct, too high, or too low. The game provides an entertaining and engaging experience for users.

Portfolio Websites:

Technologies Used: HTML, CSS, JavaScript

Description: Designed and developed multiple personal portfolio websites to showcase skills, projects, and experiences. Utilizing HTML, CSS, and JavaScript, the portfolio websites feature sections for personal information, education, skills, projects, and contact details. Responsive design techniques ensure optimal viewing across various devices, providing visitors with a seamless browsing experience.