Sushant Aryal

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SUMMARY

Tech-savvy student with experience in full-stack development, seeking co-ops or internship opportunities in Development, Project Management, or similar roles to leverage technical expertise and leadership skills

EDUCATION

Computer Science & Mathematics BS
The University of Southern Mississippi
GPA 4.0

2023 – 2027
Hattiesburg, USA

PROFESSIONAL EXPERIENCE

Junior Web Developer
FinancialNotices

11/2022 – 08/2023
Kathmandu, Nepal

- Developed responsive landing pages using HTML, CSS, and JavaScript, enhancing mobile user experience and increasing retention by 30%.
- Implemented interactive components with React, improving user engagement and streamlining front-end performance.
- Optimized website load times by 20% through efficient coding practices, including image compression and asynchronous JavaScript loading.

Resident Assistant
Department of Housing and Residence Life, University of Southern Mississippi

07/2024 – Present
Hattiesburg, USA

- Led a team of 40+ students in fostering a positive living environment, enhancing communication and conflict resolution skills applicable to team-based projects.
- Organized and facilitated events promoting community engagement, demonstrating project management abilities and leadership in coordinating multiple activities.
- Provided peer mentorship and support in academic and personal development, honing interpersonal skills and the ability to manage diverse responsibilities effectively.

PROJECTS

FlushBuddy - Public Bathroom Locator

- Developed a responsive web application using HTML, CSS, and JavaScript, allowing users to locate public restrooms through an interactive map interface.
- Integrated Maptiler's API for real-time navigation and HTML5 Geolocation for precise user positioning.
- Implemented cross-device compatibility, ensuring a seamless and intuitive user experience on both mobile and desktop platforms.

Gaming Plaza - Video Game Stats Page

- Developed an app using C# and a cross-platform GUI framework (.NET MAUI), featuring character customization and stat-based gameplay mechanics.
- Integrated a SQL database for persistent data storage, managing player progress, avatar configurations, etc.
- Designed gameplay logic for power-ups and stat adjustments using object-oriented programming (OOP) principles.

Macronutrients Calculator

- Utilized JavaScript to dynamically calculate and display personalized nutrition metrics, providing tailored health insights.
- Implemented responsive design to ensure the application is user-friendly across various devices,
- Enhanced the user interface with interactive elements, improving engagement and ensuring a smooth, user-friendly experience.

SKILLS AND INTERESTS

C++, C#, JavaScript, Python, SQL, Swift, React Native, Node, GeoJSON, , Git, APIs

AWARDS

President's List
The University of Southern Mississippi

Academic Excellence Full Tuition and Housing Scholarship
The University of Southern Mississippi