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| Biswash Lamsal |

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# Profile

# Motivated and detail-oriented computer science student with hands-on experience in web development, system architecture, and database-driven applications. Currently interning at Web Surfing Studios, contributing to ASP.NET-based projects, and previously led the development of an award-winning 8-bit computer system. Known for adaptability, strong problem-solving skills, and effective communication in collaborative environments.

# Experience

## Software development intern | Web surfing studios | january 2025 - present

* Developing web applications using **ASP.NET MVC, C#, and SQL.**
* Collaborating on backend logic, controller actions, and view integration for a pet boarding platform.
* Managing project repositories using Git and contributing to version-controlled workflows.
* Participating in design discussions and improving UI/UX based on user feedback.

## 8-bit computer system | kennesaw state – cday competition winner | fall 2024

* Available online with **40+ international downloads** [[View Project Page](https://readership.works.bepress.com/?dashboardToken=67df77345b0ea5003ab0642243vtQjxOPDXQZBX5NL7N61IyBiFSV4HDGDxBW22h#/)]
* Designed and built a simulated 8-bit CPU with ALU, memory, and control units based on Von Newmann Architecture.
* Implemented instructions such as LOAD, ADD, STORE, HALT, and JUMP using custom control logic.
* Managed data flow between registers (AC, PC, MAR, IR, MBR) and integrated a Fetch-Decode-Execute cycle.
* Won **Best Undergraduate Research** at the C-Day Showcase Fall 2024.

**Grocery Store Web App |** Kennesaw State University - Academic Database Project **| 2024**

* Designed and implemented a database-driven shopping cart system using **SQL** and **ASP.NET.**
* Created a product catalog with **tabbed browsing**, each featuring at least 3 categorized items.
* Built an **Options table** to handle price modifiers like discounts and accessories.
* Supported CRUD operations for items and dynamically updated cart totals.

**Customer Service and Delivery Roles |** Marietta & Woodstock, GA **| May 2016 – January 2024**

* Provided fast, reliable service through roles in food prep, delivery, and customer-facing positions.
* Built strong communication, time management, and adaptability in dynamic, high paced environments.
* Demonstrated reliability and commitment through years of consistent frontline service across multiple roles.

# Education

## B.S. in Computer science | Kennesaw state university | kennesaw, ga

* Expected Graduation – **December 2025**
* GPA – **3.72**
* **President’s List & Dean’s List Honors**.

# Skills & Abilities

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| **Languages:** C#, Java, C++, Python, R, x86 Assembly, SQL, HTML/CSS, JavaScript  **Frameworks & Tools:** ASP.NET MVC, React, Git, Tailwind CSS **Database:** SQL Server, Relational Database Design, CRUD Operations **Languages Spoken**: English (Fluent), Nepali (Fluent), Hindi (Fluent), Spanish (Intermediate) | **Concepts:** Object-Oriented Programming, Data Structures & Algorithms, Digital Logic Design, MVC Architecture  **Software:** Visual Studio, IntelliJ IDEA, Xcode, Microsoft Office **Soft Skills:** Problem-Solving, Team Collaboration, Adaptability, Communication |

**Additional Projects & Interests**

* Currently developing a **Clipboard Manager app** using Visual Studio with advanced features like search, pinning, and cloud sync.
* Built a **WordPress site** and wrote a research-backed report on teen vaping issues as **part of an English class project.**

**Available online** : [Protecting Teen Health – Report on Vaping](https://lbiswash228.wordpress.com/protecting-teen-health-the-case-for-stronger-vaping-regulationsblog-posts/)

* Passionate about learning **new frameworks**, designing **user-friendly software**, and exploring **cross-platform development.**