

Raisha Kafle

PORTFOLIO

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SUMMARY OF QUALIFICATIONS

- 1 year of work experience in Web Design,
- Proficient in writing clean, modular, and efficient JavaScript, TypeScript, HTML5 and CSS3.
- Knowledge in data modeling, data extraction, transformations and loading pipeline.
- Experience in the analysis, design, development, testing and implementation of Business Intelligence solutions using Data Warehouse/Data Mart Design.
- Sound understanding of Agile methodology.
- Highly motivated with the ability to work effectively in teams as well as independently.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Typescript, HTML, CSS, PHP
- **Frameworks:** Angular, React, Bootstrap, Tailwind CSS, Laravel, ASP.NET
- **Libraries:** jQuery, Node, Express JS
- **DBMS:** MySQL, MongoDB
- **Content Management System:** WordPress
- **Operating System:** Windows, Linux
- **Programming Tools:** GitHub, Git
- **Cloud Computing:** AWS (EC2)
- **Designing Tools:** Adobe Photoshop, Adobe Illustrator, Adobe XD

CERTIFICATIONS

- *Angular Essential Training* |August 2023|
- *Mongo DB Essential Training* |August 2023|
- *Graphic Design Careers: First Steps* |September 2021|

EDUCATION

Web Development and Internet Applications

May 2022 – August 2023

Ontario College Diploma

St. Clair's College, Windsor South Campus, ON

- **Semester 1:** Introduction to C# Programming, HTML And CSS, Working with Graphics, Data Fundamentals, Law and Ethics in the Digital Age, Information Technology Essentials
- **Semester 2:** JavaScript 1, Web Design/CSS, PHP Basics, Introduction to Asp.net, Web Usability, Interpersonal Violence
- **Semester 3:** JavaScript 2, Mobile Web Development, PHP 2, Develop Web Apps in Asp.net, Agile Project management, Celebrating Cultural Diversity
- **Semester 4:** JavaScript 5, Advanced Web Apps with PHP, Cloud Server Administration, Web Communications Project 1, Portfolio Development, Money Matters

RELATED WORK EXPERIENCE

Front-End Developer

Sept 2020 – Jan 2022

Digi Technology Nepal

Dillibazar, Kathmandu, Nepal

Project: Create seamless, user-friendly school management web system

- Deployed JavaScript solutions, effectively elevating user engagement and experience by increasing website interactivity by a remarkable 30% and reducing page loading time by a notable 25%.
- Introduced **TypeScript** into our codebase, which led to a notable 45% decrease in runtime errors and enhanced code maintainability.
- Collaborated with the IT security team to conduct periodic security assessments and penetration tests, verifying the effectiveness of the **WAF** and reinforcing overall website defenses.
- Implemented **SEO-friendly** URLs to enhance the website's search engine ranking and visibility during searches.
- Utilized **Bootstrap** and **CSS** to implement responsive web design principles, guaranteeing smooth functionality and an optimal user experience across various devices and screen sizes.

ACADEMIC PROJECTS

Book Store Web-Application

<https://github.com/raishakafle/RaishasBookStore>

- Developed a dynamic and user-friendly web application utilizing ASP.NET C#, enabling users to seamlessly browse, select, and manage their preferred books.
- Designed and implemented a robust user interface for adding books to personal lists, as well as incorporating shopping cart functionality for a streamlined shopping experience.
- Integrated backend functionality to ensure efficient data retrieval and storage, optimizing application performance.

ZShop Website

<https://github.com/raishakafle/ZShop>

- Developed a fully functioning shopping website using PHP's Laravel Framework.
- Used different connection links to the database.
- The user is able to add products to their cart, and also check out with their respective type of cards (VISA/ DEBIT/ CREDIT).

Quiz Game

<https://github.com/raishakafle/quizGame>

- Utilized JavaScript to handle user interactions, track scores, and dynamically display questions and answers.
- Implemented logic for question randomization, answer validation, and game progression, enhancing user experience.
- Demonstrated problem-solving skills by resolving bugs and optimizing game performance for seamless gameplay.