

DILSHAN (DILA) LIYANAGE

Full Stack Web Developer | UI/UX Designer

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PROFESSIONAL SUMMARY

Web Developer with 3+ years of experience in HTML5, React, CSS3, Bootstrap, JavaScript, PHP, MySQL, and GitHub. Software Engineering Technology graduate with expertise in UI/UX design using Figma, Adobe Creative Suite, and prototyping tools. Skilled in Node.js, Spring Boot, REST APIs, ASP.NET, with a strong focus on delivering scalable and user-centric solutions

AREAS OF EXPERTISE

- Full Stack Web Development
- UI/UX Design & Prototyping
- Database Management
- Project Management
- Testing and Debugging
- Cloud Technologies

PROFESSIONAL EXPERIENCE

Student Researcher – UI/UX Designer | Sep 2024 – Present

WIMTACH, Scarborough, ON. Canada

Focused on UI/UX design and prototyping with Figma while working on multiple projects simultaneously, supporting front-end development to enhance user interfaces and overall functionality.

- Designed and prototyped user interfaces using Figma to create engaging and intuitive digital experiences.
- Collaborated with the development team to assist in front-end development, ensuring seamless integration of design and functionality.
- Conducted user research and testing to optimize UI/UX strategies based on feedback.
- Successfully balanced competing project priorities, delivering high-quality outcomes across multiple initiatives.

Media Developer Co-op | Sep 2023 – Dec 2023, May 2024 – Aug 2024

Pearson Canada Inc., Toronto, ON. Canada

Contributed to the development, testing, and enhancement of educational products under the K-12 Division, ensuring engaging and seamless user experiences for teachers and students across Canada.

- Evaluated educational products to ensure a seamless, error-free experience for users.
- Conducted functional and user acceptance testing across multiple device platforms.
- Enhanced user experience by developing and integrating responsive web components.
- Optimized educational images for inclusion in learning materials.
- Created engaging animations using Adobe After Effects to simplify concepts for children.

IT/Web Systems Developer | Sep 2020 – Aug 2022

Udaya Industries, Kandy, Sri Lanka

Developed and maintained web-based systems to streamline operations, focusing on quotations management, ERP maintenance, and sales data reporting.

- Developed and implemented a fully functional web-based quotations management system for agricultural machinery.
- Analyzed and maintained the existing ERP system, collaborating with stakeholders to gather requirements and report progress to the senior team.
- Collected and visualized sales data to assist senior management in decision-making.

EDUCATION

Software Engineering Technology Advanced Diploma (CO-OP) | Jan 2023 – Dec 2024

Centennial College (Progress Campus), Scarborough, ON. Canada

- Graduated with High Honors in December 2024
- GPA: 4.3/4.5

Bachelor of Information Technology | Jan 2017 – Jul 2021

University of Colombo School of Computing, Colombo, Sri Lanka

- Graduated in July 2021

PROFESSIONAL PROJECTS

PixShare – Post-Sharing Platform Inspired by Instagram | Centennial College

Designed and developed PixShare, a post-sharing platform inspired by Instagram, allowing users to post images, like, and comment.

- Built the backend with ASP.NET Core Web API, for a scalable image-sharing platform.
- Developed the front-end using React, ensuring a responsive design across devices.
- Integrated Amazon DynamoDB for efficient cloud data storage and fast performance.
- Implemented CI/CD pipelines using Jenkins for smooth updates and deployments.
- Containerized the application using Docker for seamless cloud deployment and local development.
- Link: [PixShare \(Server\) GitHub](#) | [PixShare \(Client\) GitHub](#)

Simply Organic – Grocery Ordering Application | Centennial College

Developed a user-friendly online grocery ordering platform that allows customers to easily browse, search, and purchase groceries. The app supports customer management, order tracking, and efficient delivery handling.

- Developed using Angular, Node.js, and Express for seamless frontend and backend integration.
- Utilized MongoDB for database management, ensuring fast and reliable data storage.
- Deployed the application on Render, ensuring smooth performance and availability.
- Links: [SimplyOrganic \(GitHub\)](#) | [SimplyOrganic \(Live Site\)](#)

Factory Management System | Udaya Industries

Built a fully functional data management system for an agricultural machinery production factory, utilizing HTML5, CSS, Bootstrap, PHP, JavaScript, AJAX, jQuery, JSON, and PhpMyAdmin.

- Streamlined the tracking of raw materials, parts, machinery inventories, and production flows through an intuitive web interface.
- Automated the generation of over 11 types of reports to optimize operational efficiency and decision-making
- Link: [FMS \(GitHub\)](#)

Personal Portfolio

Created a personal portfolio using React to highlight skills, projects, and professional accomplishments.

- Designed and implemented a responsive and visually engaging user interface.
- Integrated project showcases and skill highlights to provide an interactive user experience.
- Hosted the portfolio on GitHub Pages for accessibility and ease of maintenance.
- Link: [Portfolio \(Website\)](#) | [Portfolio \(GitHub\)](#)