

Mehul Tanwar

Software Engineer

A passionate and creative Computer Scientist fluent in web technologies with 6+ years of experience in software development, generating design, programming, developing, and implementing sustainable software solutions by analyzing clients' needs.

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WORK EXPERIENCE

Project Manager, Technology (Part-time)

Saint Mary's University Entrepreneurship Centre 01/2021 – 08/2021

- Maintained and developed [websites](#) and met most technological needs of the organization while studying full-time
- Produced webpages for events, marketing businesses, products, or services, along with informative pages for general **consumption increasing interactivity and leading to greater engagement with clients by 1.5X**
- Redesigned Website with modern looks and gradients including UI design, and programming following the latest security and WCAG guidelines creating reusable components with documentation for future teammates
- Consulting on tech requirements for various projects and facilitating smooth transition of personnel change, along with implementation of events such as "March Madness Pitch Competition" for a seamless in-person and virtual event

Technology Used: JavaScript, jQuery, PHP, MySQL, WordPress, Divi, Figma

Technology Assistant (Co-op 3) (Full-time)

Saint Mary's University Entrepreneurship Centre 09/2020 – 01/2021

- Developed and managed web pages on [SMUEC Website](#) creating new content and keeping existing pages up to date
- Produced a [New Business Intake form for web projects](#), using Qualtrics survey to collect vital data that aided in **quick turnover for new web projects by up to 2.5X**
- Provided Technical Support and Backend technological Architecture for *Women In Business* Conference using Whova client for conference and Zoom for conducting the event resulting in a smooth and adored event enjoyed by the community, awarding me a title of "Master of Puppets" for my behind-the-stage technology support by the organizers
- Consulted new business owners on e-commerce and developed a Shopify website as a result

Technology Used: JavaScript, jQuery, PHP, MySQL, WordPress, Shopify, Figma




















Web Developer, Technology Researcher (Co-op 2) (Full-time)

Bloxo Inc. 01/2020 – 04/2020

- Developed all webpages with [redesigned website UI for a modern look](#) with gradients and transitions extending from mobile UI for consistent branding
- Designed/Architected a web page infrastructure for expanding web content to more than what the firm offered increasing the firm's market potential
- Performed QA, testing & surveys for mobile applications, providing recommendations for better UX in the next release of mobile applications along with any bugs or hurdles found, **increasing team efficiency by 25%**
- After researching new technological applications, competitors, and other web applications formulated new business and technological expansion of the firm **increasing opportunities and engagement within the app**
- Created content for marketing including photography and cinematography products leading to targeted product placement in market and community

Technology Used: jQuery, JavaScript, Webflow, Webflow CMS, Stripe, Firebase

TECHNICAL SKILLS

 React/NextJS  JavaScript
 PHP  TypeScript
 SQL/NoSQL  Java
 Python  NodeJS  C#
 Figma  Shopify  D3
 Docker  Linux  Git
 Google Cloud  UI/UX
 REST APIs  OpenSource

EDUCATION

B.Sc., Computer Science
Concentration: **Co-Op (1 year)**

Saint Mary's University

09/2021

Relevant Courses:

- Software Engineering
- Digital Logic and Architecture
- AR/VR & Human-Computer Int.
- Principles of Programming Lang.
- Data Structures and Algorithms
- Artificial Intelligence
- Mobile App Development
- Info Vis. Interaction
- Data Mining
- Specialization in Software Engineering, Web, and Mobile App Development with PWA

AWARDS

Service Canada Data Analytics Hackathon 09/2019

M.Sc. Saint Mary's University
Placed first as the team with the least members (3) and the only undergraduate team by building an AI powered Data Analytical Soft. Suite using Deep Neural Networks, Kesar, TensorFlow, and jQuery(front-end) in a Python app