



Husain Fazal

Seeking a SharePoint development role, to leverage my ability to deliver accessible, modern, and user-experience first applications.

husain@fazal.ca 

<https://husain.fazal.ca> 

(647) 965-3998 

Professional Experience

Lead Developer with the Government of Ontario (June 2014 – Present)

Junior Developer (May 2011-August 2011, May 2012-August 2012, May 2013-August 2013)

Lead Developer in the Central Agencies Cluster's SharePoint unit, specializing in the development of "user-experience first" HTML5 and JavaScript based web applications for the SharePoint platform.

Application Portfolio (Complete portfolio available at <https://husain.fazal.ca>)

BinderBrowser (November 2014 – Present)

SharePoint application designed to transition various Government of Ontario committees from paper-based meetings to entirely electronic. Allows end users, including the Premier and Ministers of Ontario, to review content, make notes on official documents, and make decisions during committee meetings.

- Led all development for the project, and participated in requirement gathering sessions, providing prospective solutions, technical feasibility reports, and security based feedback
- Developed as a client-side SharePoint 2010 application, with full AODA (Accessibility for Ontarians with Disabilities Act) clearance. Built to fetch data, encrypt, and store locally, allowing for offline access (leveraging modern offline web technologies including AppCache, Web Crypto, and IndexedDB)
- Adopted by over a dozen high-profile Ontario decision making committees, including the "Treasury Board of Ontario" and the "Legislation and Regulations Committee"
- Expanded out as the content delivery system for overseas trade missions by the Premier and Ministers of Ontario, to manage mission itineraries and content
- Has saved an estimated 1.5 million printed pages since launch (as of January 2017)
- Winner of the 2017 Government of Ontario "Digital Disruption" Amethyst Award, endorsed by the CCIO of the Government of Ontario and Minister of the Environment
- Winner of the 2017 Central Agencies "Brilliance in Innovation" award as a project

Central Agencies SharePoint Operations (April 2015 – Present)

Operational overview system for the Central Agencies Cluster's SharePoint unit. Designed to track the intake of new projects, monitor their development progress, automatically crawl and bill sites based on specified contract parameters, and render real-time financial-outlooks (with and without additional variable factors) for the fiscal year.

- Designed and developed monthly crawler and billing engine (including cross-domain crawls, on and off premises), and the financial dashboard capable of projections and variable impacts
- Financial dashboard allows for real-time analytics based on generated bills, forecasting, and scenario assessment for efficient decision making by management (case example: outcome and impact of increasing a range of contact rates by a specified percentage monthly)
- Has generated an average of \$3.5 million (CAD) in revenue annually
- Reduced time required for a full-time resource to generate monthly bills from 3 weeks to 2 hours
- Increased accountability for generated bills with access to archived and on-demand usage reports
- Direct input into the government billing system has streamlined the process of charging back to clients

IT Source People Placement System (November 2015 – Present)

Application deployed to all IT clusters of the Government of Ontario to manage the procurement of IT consulting services; from the initial intake of a manager’s request for a resource, and issuing the request out to associated vendors, to handling contact awards, and surveying clients regarding the consultants hired

- Responsible for design and development of the “Resource Request Intake” portion of the site, where managers can file a request for a resource, select vendors to include on the RFS, and include maximum per-diem rates. Single-page application (custom JavaScript engine), designed to be fully accessible, saving to a SharePoint back-end with JSOM and SOAP services.
- Has created and tracked over \$250 million (CAD) in consulting requests on average annually
- Significantly raised efficiency in processing-times, replacing the existing paper-based system.
- Ability to clone previous requests has saved hours of input time for managers
- Nominated for the 2017 Central Agencies “Brilliance in Innovation” award as a project

Signet (December 2016 – Present)

Designed to obtain approvals to meet Government of Ontario procurement directives. Allows a user to file a request for goods or consulting services, and the system will retrieve the necessary approvals based on the directive, vendor of record type, and the user’s position in the Government hierarchy.

- Led all front-end development and visual identity decisions for the application. Fully accessible single-page JavaScript application with real-time rendering of PDF approval records. Leverages Nintex Workflows for the approval process, and a SharePoint backend.
- Projected to create and seek approvals for over \$100 million (CAD) in procurement requests annually for various IT clusters in the Government of Ontario
- “Lazy-approval” system allows for users to approve requests from their email inbox, without having to be on the Government network, significantly increasing efficiency in decision turn-around times
- Delegation-of-authority component allows for faster approval, even when an individual is not available

Awards

2017 Central Agencies Award for Brilliance in Innovation as an Individual

Awarded for excellence in creativity, innovation, and resourcefulness.

Technology Specialty Toolkit

Web

HTML5, JavaScript, CSS3, C#

Front-end Libraries

jQuery, Bootstrap 3 and 4, jQuery Mobile, D3.js, CKEditor, TinyMCE, DataTables, PDFjs, jsPDF

SharePoint Specific

Significant experience with SharePoint 2010, 2013, & Online, Nintex Workflows, SPServices, SharePoint SOAP API, SharePoint JSOM API, SharePoint REST API, SharePoint Sandboxed Web Parts (C#)

Web Technologies

IndexedDB, Application Cache, Canvas, Post-Messaging, Drag-Drop API, Web Workers, Web Storage, WAI-ARIA, Web Crypto

Web Standards

WCAG 2.0 AA compliance to meet the Accessibility for Ontarians with Disabilities Act (AODA), Government of Ontario GO-ITS 23

Education

Bachelor of Technology in Software Development

Graduated in May 2014, Cumulative GPA 3.7/4.0