

Husain Fazal

Award-winning senior SharePoint developer with years of leading the design and development of ground-breaking applications in a range of corporate environments.

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Professional Experience

Trillium Health Partners

Senior Systems Developer (August 2019 – Present)

Designed and developed various corporate web applications, while leading the redesign, migration, and monthly patching of the SharePoint corporate intranet.

- Collaborated with several departments to gather requirements, designing and developing over a half-dozen new custom applications (see Project Portfolio).
- Architected, built, and migrated the existing on-prem SharePoint farm, addressing and future-proofing all vulnerabilities, and performance issues.
- Responsible for the resolution of tier-3 incidents, on a 24x7 on call support

SharePoint Developer (May 2017 – August 2019)

Responsible for corporate intranet up-keep, daily resolution of incidents and service requests, the development of new internal-facing applications for the hospital, as well as the maintenance and expansion of legacy applications.

- Led consolidation of corporate intranets (SharePoint 2007, WebSphere) into SharePoint 2013 environment, retaining over \$100,000 in vendor fees.

Government of Ontario – Treasury Board Secretariat

Lead Developer (June 2014 – May 2017)

Lead Developer of the Treasury Board Secretariat's SharePoint unit, specializing in the development of innovative front-end web applications for the SharePoint platform. Users, including the Premier and Ministers of Ontario, could track bill approvals and the budgeting of hundreds of millions of dollars.

- Development of technically cutting-edge and accessible (AODA compliant) applications, including offline/encrypted web applications, automated billing processes and document annotations, resulting in multiple innovation awards.
- Created multiple user-experience focused systems in SharePoint, tracking hundreds of millions of dollars in various legislative committees (see Project Portfolio).

Project Portfolio

Note: Complete portfolio with video demos available at <https://husain.fazal.ca>

OnTrack

Patient management system, designed and developed to track patients' rehabilitation progress following cardiac incidents (cardiac arrest, pacemaker). Integrated with the hospital's Health Information System, the system books patient appointments, tracks blood work, anthropometrics, and appointment outcomes, exporting dozens of fully customized reports.

- Built as a user-experience focused .NET MVC with Bootstrap 4 application, leveraging FullCalendar for appointment booking, DataTables.js for patient management, CKEditor and WkHtmlToPdf to export reports.
- Has tracked thousands of patients to date, with tens of thousands of reports generated per month for cardiologists, physicians and patients.

Awards

Trillium Health Partners "Service Excellence Award" - 2019

Awarded for providing the highest level of service to partners (both internal and external), patients and families, staff and professional staff. Awarded for projects including OnTrack, "electronic MRI" Requisitions, and Print Shop applications.

Government of Ontario "Digital Disruption" Amethyst Award - 2017

Awarded for the BinderBrowser project team for using digital innovation and "disruption" to introduce new concepts and practices to improve service delivery to the Ontario Public Sector.

Central Agencies Award for Brilliance in Innovation as an Individual - 2017

Awarded for excellence in creativity, innovation, and resourcefulness as an individual resource on a variety of projects including BinderBrowser, Central Agencies SharePoint Operations, and Signet.

Central Agencies Award for Brilliance in Innovation on a Project - 2017

Awarded for excellence in creativity, innovation, and resourcefulness as a team working on the BinderBrowser Project.

Education

Honours Bachelor of Technology in Software Development

Toronto, Ontario

Studies in conceptual theories and their application in software development in areas including programming algorithms and software languages, application design and deployment, and networking/information security.

Project Portfolio (Continued)

Trillium Health Partners - Corporate Employee Finance Portal

Self-service portal designed to allow employees to retrieve bi-weekly pay stubs, as well as organization issued T4 and T4A tax receipts, along with accompanying administrative tools.

- Created the tax receipts module of the application, mapping employee tax information into Canada Revenue Agency issued T4/T4A templates.
- Issued thousands of valid tax receipts for Trillium Health Partners (and certain affiliates) employees for the 2018 tax season without incident.
- Continue day-to-day up keep of the pay stub system.

BinderBrowser

Award-winning 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 assist in the vital decision making process.

- Led all development, agile based development (scrums & sprints), and participated in requirement gathering sessions (provided prospective solutions, feasibility reports, and security feedback).
- Adopted by over a dozen high-profile Ontario decision making committees, including the “Cabinet of Ontario”, the “Treasury Board of Ontario” and the “Legislation and Regulations Committee”, and repurposed for national trade missions by the Premier of Ontario.
- Has saved tens of millions of sheets of paper since launch, eliminating the need for paper binders.

Signet

Designed to obtain approvals to meet Government of Ontario procurement directives. Allows a user to file a request for goods or for 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 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.

Central Agencies SharePoint Operations

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 for the fiscal year.

- Led all development, creating the corporate intranet crawler and billing engine (including x-domain crawls, on and off premises), reducing time required to generate monthly bills from 3 weeks to 2 hours; developed financial dashboard displaying real-time analytics (based on billing data), forecasting, and scenario assessment for effective decision making by management.
- Generates an average of \$3.5 million (CAD) in revenue annually with accountable billing reports.

Specialty Skills

- Comprehensive SharePoint 2007+ and Online development, administration, and migration experience.
- Extensive speciality work in client-side development, web user-experience, and design.
- Significant experience in creating customized accessible (AODA & WCAG 2.0 compliant) web applications and websites, as well as accessibility auditing.
- Rapid agile development, requirements gathering, directly working with clients to create application designs.
- Application and database architecture design.

Technical Skills

- Client-side web development (HTML5, JavaScript including ES6+, CSS3).
- SharePoint development – client side with REST and SPServices, PnP, server side with C# add-ins, web parts, farm solutions.
- Front-end frameworks including Bootstrap 3/4, React, Knockout; Front-end libraries including jQuery, ChartJS, FullCalendar, D3, CKEditor, FontAwesome, PDFMake, and PDF.js.
- Extensive ASP.NET MVC 4 app development (C#)
- Application and web site wire-framing (Photoshop, Balsamiq)
- Photoshop Creative Cloud design and graphic work
- Web service design and development with ASP.NET Web API, WCF services
- Associated application database design (including in SQL Server)