Husain Fazal

Award-winning Solutions Architect, Technical Lead, and Senior Systems Developer, with years of experience leading the design and development of ground-breaking applications in the public sector and healthcare.

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Professional Experience

Trillium Health Partners

Solutions Architect (September 2021 – Present)

Technical Lead and Solutions Architect in the research and innovation wing of the hospital. Led requirement-gathering sessions with the business areas, solution design, as well as the development of various critical patient-tracking systems.

- Led the team in the design and development of a multi-hospital patient-tracking application, with thousands of patients and the billing of tens-of-millions of dollars (CAD) tracked annually.
- Managed relationships with the business, setting timelines, and translating requirements into technological solutions using bleeding-edge technologies.
- Led the technical team and junior developers in the implementation of hospital-supporting software.
- Designed, implemented, and monitored the organization's Azure infrastructure and network architecture.

Senior Systems Developer (August 2019 – September 2021)

Led the web development team through the COVID-19 pandemic, by meeting with the key business areas, and subsequently designing and developing dozens of hospital-facing web applications, while coaching the Junior Developers on the team.

- Collaborated with hospital departments (including surgical, emergency), gathering requirements, designing, & developing 30+ applications (see Project Portfolio at https://husain.fazal.ca), including several in response to COVID-19.
- Led the team from a 30% security compliance rating to a 99% security compliance rating over first 12 months in role (addressing vulnerabilities, patches, re-architecture).
- Scored, ranked, and participated in the in-person evaluation of three RFPs.
- Architected, built, and migrated the existing on-premises SharePoint farms (to 2019), addressing and future-proofing all known vulnerabilities, and performance issues.
- Issued thousands of Canadian tax receipts for Trillium Health Partners (and certain affiliates) employees for the 2018-2021 tax seasons without incident.
- 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 a SharePoint 2013 environment, retaining over $100,000 in vendor fees.
- Led the design, architecture, and development of a cardiology patient management system, producing hundreds of thousands of patient reports.

Government of Ontario – Treasury Board Secretariat

Lead Developer (June 2014 – May 2017)

Primary developer of the Treasury Board Secretariat's Enterprise unit, specializing in the development of innovative web applications.

- Led development of award-winning applications, used by the Premier, Ministers, and Lieutenant Governor of Ontario, to track and approve Ontario bills digitally.
- Ran approximately twenty accessibility (AODA) application audits.
- Created multiple user-experience focused systems in SharePoint, tracking hundreds of millions of dollars in various legislative committees as well as the Provincial IT procurement system, tracking $100 million in procurement requests annually.
- Produced an internal web-billing system, generating an average of $5.5 million (CAD) in revenue annually with accountable billing reports.

Education & Certifications

Bachelor of Technology in Software Development
Seneca College of Applied Arts and Technology
Graduated with Honours in 2014

ITIL 4 Foundation Certification
Achieved in 2021

Certified ScrumMaster
Achieved in 2021

Microsoft Certified: Azure Fundamentals
Achieved in 2021

Lean Six Sigma Yellow Belt Certification
Achieved in 2021

Key Skills

- Award-winning customer service and business relations skills.
- Technical team leadership and coaching skills.
- Agile development methodologies, software/API design and development, following the software development lifecycle (SDLC), and application architecture design.
- Senior development experience with JavaScript, C#/ASP .NET 4-6 & Core, HTML5/CSS (with responsive design), SPAs.
- Extensive SharePoint development and administration experience (SPFx, Nintex, REST, CAML, add-ins, branding, InfoPath, PowerShell and client-side applications) with SharePoint 2007-2019, M365/Online.
- Database design and administration (SQL).
- Designing, administering, and monitoring Microsoft Azure environments.
- Accessibility-first design for full AODA compliance and understanding.

Awards

Better Together Award
Trillium Health Partners - 2021
Awarded for answering the call of duty by going above and beyond during the COVID-19 pandemic.

Service Excellence Award
Trillium Health Partners - 2019
Awarded for providing the highest level of service to partners, patients, families, and staff for various projects at THP.

Amethyst Award
Government of Ontario - 2017
Awarded for using digital innovation and "disruption" to introduce new concepts and practices to improve service delivery to the Ontario Public Sector.

Award for Brilliance in Innovation
Treasury Board Secretariat IT Cluster - 2017
Awarded for excellence in creativity, innovation, and resourcefulness as an individual resource.