***FELIX BATTIG***

***FULL STACK DEVELOPER***

***SUMMARY OF QUALIFICATIONS***

* *Over 15 years of experience designing and developing applications using C# and .NET Framework/Core using Microsoft Visual Studio*
* *Experience gathering user requirements, reviewing deficiencies, and providing solutions to remediate those.*
* *Experience building web applications using ASP.NET MVC/MVVC, Angular, Angular Material, React, HTML, CSS.,* SASS
* *Experience building RESTful web APIs.*
* Experience with OpenID authentication systems
* *Experience working on RDBMS like MS SQL Server, MYSQL.*
* *Experience working with code repositories, pull requests and deployments (in Azure).*
* *Experience working with public cloud service providers (i.e. Azure)*
* *Full stack software development experience*
* *Experience with technical documentation of code functionalities.*
* *Experience with user testing methods.*
* *Mentored and led developers, providing technical guidance, coordinating team efforts, and implementing Agile methodologies for efficient project management.*
* *Fluent in English and Spanish.*

***TECHNICAL PROFICIENCIES***

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|  | *C#, Crystal Reports 10, CSS, Entity Framework, HTML, JavaScript, jQuery, Git, GitLab, TFS, LINQ to Entities, Microsoft Access, ASP.NET CORE, ASP.NET (MVC) 3/4/5, Silverlight, SSIS, SSRS, SQL Server 2000/2008/214/2016, Tableau, Team Foundation Server, Telerik Kendo User Interface, VB 6, Visual Basic.NET, Visual Studio 2015/2017/2019, WinForms, WPF, Bootstrap, HTML 5, Angular, React, Redux, React-hooks.* |

***PROFESSIONAL EXPERIENCE***

***FULL Stack Developer (Contract) Aug. 2022 – May. 2023 Compass Canada, Mississauga, Ontario***

*Technical Scope: C#, .NET 4.6, SQL Server 2019, Visual Studio 2019, T-SQL, SSIS, SSRS, ASP.Net Web Api*

* *Worked collaboratively within a skilled team of .NET developers to elevate and sustain four Core N-tier enterprise applications using .NET frameworks and the power of C#.*
* *Utilized the full potential of .NET to craft adaptable, high-performance solutions, ensuring seamless alignment with the business requirements and user expectations/*
* *Employed reverse engineering techniques to unravel the intricacies of existing code, constructing flowcharts and comprehensive documentation to gain profound insights into its functionality. Rewrote and refactored the code, improving its maintainability and efficiency.*
* *Utilization of Trunk-Based Development (TBD) best practices, resulting in reduced complexity and improved efficiency in the development process, ensuring main branch stability and enabling rapid feature delivery.*
* *Maintained and fine-tuned web GUI applications, including ASP.NET Web Forms, while addressing and rectifying incompatible Telerik controls. Integrated JavaScript functionality to ensure the delivery of responsive and interactive user interfaces.*
* *Assisted in the training and onboarding of new developers, ensuring their readiness to contribute effectively to projects..*

***Full Stack Developer (Contract) Nov. 2021 –Jun. 2022 First Canadian Title (FCT), Toronto, Ontario***

*Technical Scope: C#, SQL Server 2019, Visual Studio 2019, T-SQL, Visual Studio Code, Azure DevOps, Angular 12, Typescript, Agile methodology*

* *Utilized TFS as a CI/CD tool and source control solution, streamlining code changes and version control for smooth development processes.*
* *Crafted versatile web applications, employing Angular 12, HTML,* SASS*, and JavaScript, coupled with .NET Framework - Web API.*
* *Garnered extensive experience in building optimized N-tier enterprise applications, harnessing the capabilities of .NET frameworks and C#.*
* *Contributed to the transformation of the "FCT Junction Online" project into a responsive web application with multifaceted objectives.*
* *Established a development environment using Angular, TypeScript, Bootstrap, ngx-bootstrap, and SSAS.*
* *Collaborated seamlessly with the scrum team to construct interfaces using NgRx and RxJs, enabling reactive state and programming management.*
* *Implemented a streamlined single-page application structure with modular architecture, designing components and directives with a focus on singular responsibilities.*
* *Generated SQL Scripts to facilitate seamless database deployment and administration in the pre-production phase, ensuring optimal readiness for database administrators.*

***Full Stack Developer (Contract) Feb. 2021 –Sep. 2021 Bond Brand Loyalty, Toronto, Ontario***

*Technical Scope: C#, Gitlab, SQL Server 2014, Visual Studio 2019, ASP.NET, SSIS, Azure DevOps*

* *Employed SQL stored procedures and T-SQL Queries extensively, effectively managing the Scene and Scotia rewards application.*
* *Oversaw the maintenance of SSIS packages to ensure seamless data integration and transformation.*
* *Managed Asp.Net Web forms (GUI) applications, ensuring their smooth operation and user-friendly interfaces.*
* *Collaborated closely with stakeholders, comprehending project requirements, and offering valuable technical insights to devise robust software solutions.*
* *Functioned as an integral member of the core digital engineering team, contributing significantly to day-to-day development activities.*
* *Designed, constructed, and upheld efficient, reusable, and dependable C# and Ajax code.*
* *Prioritized optimal performance, quality, and responsiveness in the applications' development and maintenance.*
* *Proactively identified performance bottlenecks and errors, devising effective solutions to rectify these challenges.*

**Full Stack Developer (Contract) Mar. 2019 –Jan. 2021 RR Tax Accounting, Toronto, Ontario**

*Technical Scope: C#, Entity Framework, Gitlab, Azure, SQL Server 2014, Visual Studio 2017/2019, HTML 5, Bootstrap, Angular, ASP.NET CORE, React.JS, Node.js, Azure DevOps, JavaScript.*

* *Played a pivotal role in the development of applications and databases, demonstrating a keen ability to understand client needs, troubleshoot issues, analyze requirements, and deliver tailored solutions.*
* *Collaborated with clients to design robust software and systems solutions, aligning precisely with their unique problem sets.*
* *Used Chart.js in ASP.NET to create interactive data visualizations that show customers their incomes and expenses in different angles, such as line, bar, and pie charts.*
* *Engineered a customer tracking application using Angular 8, Angular Material, RxJs, ASP.NET Core API, and Azure SQL. This high-performance application was hosted on Azure PaaS, ensuring seamless functionality.*
* *Leveraged the mediator pattern (MediatR) to enhance the maintainability and scalability of the code by effectively decoupling command/query and event-handling segments.*
* *Strengthened security by implementing JWT Token-based authentication, ensuring authorized access to different users for the ASP.NET Core Web API.*
* *Crafted a GST/HST data collection form using React Hooks and Firebase, incorporating authentication and authorization functionalities to accurately calculate corresponding payment amounts.*
* *Orchestrated the configuration of Azure resources, including Resource Group, App Service, App Service Plan, SQL Server, and SQL Database. These resources facilitated the deployment of ASP.NET web applications, managed using Azure DevOps and Git for streamlined source control and continuous integration/deployment.*
* *Facilitated productive meetings with clients, meticulously gathering business processes and requirements to align solutions with their specific needs.*
* *Translated client requirements into comprehensive technical documentation, ensuring effective communication between clients and the development team, and providing a clear roadmap for implementation.*

**Full Stack Developer (Contract) Aug. 2018– Feb. 2019 Royal Bank of Canada (RBC), Toronto, Ontario**

*Technical Scope: C#, JavaScript, Git, SQL Server 2014, Visual Studio 2019, HTML 5, Bootstrap, .NET, Angular*

* *Proficiently analyzed requirements to develop applications aligned with organizational standards and best practices, focusing on IT security, architecture, project delivery methods, and vulnerability mitigation.*
* *Collaborated effectively within a developer team to address technical front/back-end requirements in existing .NET/web apps.*
* *Created "Related Party Reporting" using C#, UnitOfWork ,Entity Framework, SQL, ASP.NET Core Rest API & Angular to disclose transactions with related parties in compliance with policies. Employed NgRx and RxJs for efficient state management.*
* *Designed "Resource Planning" app using ASP.NET MVC, transferring SharePoint view data to SQL Server for Tableau reports and web interfaces. Leveraged .NET Framework, C#, JavaScript, and Entity Framework for robust development.*
* *Enhanced enterprise financial planning .NET app for improved functionality and performance.*
* *Developed a console app to securely transfer SharePoint data to SQL Server, adhering to internal security standards. Employed arrays, lists, multithreading, and delegates for performance optimization.*
* *Defined, developed, and resolved business system issues, recommending stakeholder-oriented solutions and executing rigorous test plans for quality assurance.*

***Full Stack Developer (Contract) Sept. 2014 – Jun 2018 Copper Horizon Software (CHS), Calgary, Alberta***

*Technical Scope: Agile Scrum Methodology, C#, Silverlight, Entity Framework, Git, MVC (4,5), MVVM, Razor, Telerik Kendo Ui, SQL Server 2012, SQL Server 2014, Tableau, Visual Studio 2013/ 2015/2017, HTML 5, CSS, Angular, React.js, ASP.NET CORE*

*Collaborate with a team of developers to develop/solve technical front/back-end requirements on existing and/or new ASP.NET / web applications. Collaborate with project managers ensuring deliverables are completed in time and within budget. Apply Agile Scrum Methodology, improving Sprint Backlog, Sprint tasks, Daily Stand Up Meetings, Network Grooming sessions and Sprint reviews companywide*

***Key Achievements:***

* *Developed an Azure application using ASP.NET Core Rest API & Angular-Bootstrap/ASP.NET Core MVC/SQL Azure.*
  + *The purpose of this application was to create PDF agreement documents between two parties, specifically "Grower" and "Bayer." The application included several functionalities like searching, retrieving lists of documents, data entry form templates in both English and French languages, printing, emailing, and saving documents.*
* *Configured and customized Azure Virtual Machines, installing Azure SQL Server, Databases, and IIS. Leveraged Azure DevOps and Git for streamlined source control and continuous integration/deployment.*
* *Maintained ASP.NET MVC and Telerik Kendo User Interface applications for a Fortune Global 500 Corporation, benefiting over 300 end-users. These applications automated data collection, validation, and multi-user access, enhancing operational efficiency. Leveraged JavaScript skills and reporting tools such as SSRS, Tableau, and Kendo Reporting.*
* *Expertly utilized SSIS to extract, transform, and load data from an old Microsoft Dynamics CRM, performing a comprehensive comparison against the new release of Microsoft Dynamics CRM. Employed T-SQL skills to design databases, tables, stored procedures, views, and queries.*
* *Successfully implemented the Assyst Web application using React, empowering sales personnel to track product allocations and forecast future orders for customers.*
* *Evaluated, enhanced, and maintained WPF's Bayer Financial enterprise budgeting and forecasting application, catering to the needs of 500 concurrent daily users. This application played a crucial role in reconciling end-of-month operational accounts and forecasting future budget requirements.*
* *Adhered to Agile methodology principles, integrating Sprint Backlog, Sprint Tasks, Daily Stand Up meetings, Grooming sessions, and Sprint reviews to ensure effective collaboration and timely project delivery.*
* *Integrated Chart.js with ASP.NET for custom dashboards, transforming complex data into user-friendly graphics for real-time insights.*

***Full Stack Developer (Contract) Jun. 2013 – Aug. 2014 Bayer Crop Science Toronto, Ontario****Technical Scope: C#, Entity Framework, SVN, MVC 4, MVVM, Razor, Telerik Kendo Ui, SQL Server 2012, Visual Studio 2013, HTML 5, CSS*

*Develop and maintain applications and databases. Evaluate client needs, troubleshoot, analyze, and identify requirements. Consult with clients and designs robust software and systems solutions aligned to unique problem sets. Collaborate with project managers ensuring deliverables are completed in time and within budget*

***Key Achievements:***

* *Developed and maintained ASP.NET MVC and Telerik Kendo UI applications with strong use of JavaScript for a Fortune Global 500 Corporation, improving the automation process of data collection, validity, and multi-user access for over 100 end-users.*
* *Created and maintained a financial application that streamlined rebate calculation in Excel and VBA, resulting in significant cost savings and increased revenue.*
* *Evaluated, improved, and maintained Silverlight Bayer’s financial enterprise budgeting and forecasting application, which supported 500 concurrent users daily and was relied upon to reconcile end-of-month operations accounts and determine future budget requirements.*
* *Utilized SSIS extensively to extract and transfer data from various sources such as SQL databases, Excel files, and MS Access to feed Tableau Reports.*
* *Implemented UnitOfWork pattern in ASP.NET project to manage multiple repositories by using a shared database context class. This streamlined the data access strategy by tracking changes made to data when working with a database and saving all those changes in one go*
* *Conducted meetings with clients to gather business processes and requirements for solutions, and documented those requirements. Modified business requirements into technical solutions through documentation.*

***Developer (Contract) Aug. 2012 – May. 2013 Ministry of Transportation (MTO), St. Catharine, Ontario***

*Technical Scope: C#, WPF, Razor and MVC 3/4, Visual Studio 2010, Team Foundation Server, MS Test, Ninject, Entity Framework, SQL Server 2012, MVVM, Agile Scrum Methodology.*

*Led the oversight of a portfolio of digital transportation initiatives to maximize the government’s objective of achieving the highest quality in safety for public benefit. Analyzed complex transit infrastructure and policy issues to support decision-making, collaborated financial performance reviews, developed program evaluation plans, and managed stakeholder relationships. Provided guidance and recommendations on software improvements and processes*

***Key Achievements:***

* *Played a key role as a team member in the development of the WPF front end and business components for the Transit Volume Information System (TVIS), which reports the annual average daily traffic of 1500+ highway segments throughout the region. Applied MVVM and LINQ to Entities to ensure efficient and effective system functionality.*
* *Utilized TFS as a CI/CD tool and source control to ensure smooth and efficient management of code changes and version control.*
* *Generated and revised Automated Unit Tests, Manual Unit Tests, and Coded UI Tests to improve the verification process and ensure the quality of the system.*
* *Implemented the Agile methodology, including Sprint Backlog, Sprint Tasks, Daily Stand-Up meetings, Grooming sessions, and Sprint review, to ensure effective collaboration and timely delivery of the project.*

***Developer (Contract) Jun. 2011 – Jun. 2012 Ministry of Education (MOE), Toronto, Ontario***

*Technical Scope: C#, Razor and MVC 3, Visual Studio 2010, Team Foundation Server, MS Test, Ninject, Crystal Reports, Entity Framework, SQL Server 2008, Web Services.*

*Provided specialized systems design, development, and expert technical acumen to provide resolutions to meet client needs. Led system analysis and application planning, design, testing, and tailoring. Developed business case and presentations for recommended systems and application improvements. Create and implement application upgrades and changes.*

***Key Achievements:***

* *Designed and implemented controllers, views, and models according to governing documents and client requirements, while ensuring timely and accurate adjustments to Crystal Reports based on change request specifications.*
* *Developed a robust survey application using ASP.NET Razor, MVC3, JavaScript, and SQL for non-technical staff to easily create their own surveys, improving efficiency and productivity.*

***Lead Senior Developer (Contract) Nov. 2007 – May 2011 Liquor Control Board of Ontario (LCBO), Toronto, Ontario***

*Technical Scope: WPF, C#, VB.NET, SQL Server 2000, SQL Server 2008), SSIS, SSRS, VB6, CSLA.NET, LINQ to Entities, Silverlight, WCF, ADO.NET, Entity Data Model, WinForms, MS Test, Web Services, ASP.NET, MVC, WPF, WWF. NET*

*Developed user applications and financial solutions for state-sponsored enterprise overseeing $5.89B revenue from 860+ retail outlets providing 24k products to consumers region-wide. Coached and trained junior programmers in production, quality and customer-service requirements. Implemented the latest in technology in web-based security and applications to track transactions and criminal incidents. Maintained various VB6 applications using Frontend and Business Logic, and Toad for Oracle for Backend. Skilled in SharePoint administration to manage document control. Extensive use of .NET technology*

***Key Achievements:***

* *Successfully converted a Gift Card application VB windows application technology, enabling real-time adjustment of card balances and choreographing the reconciliation of 100K card transactions worth $800K. Utilized SSIS as a processing tool to ensure compliance with PCI regulations.*
* *Applied data analysis in SQL to construct business objectives, along with stored procedures and controls for high-volume sales, ensuring a seamless sales process for customers.*
* *Implemented JavaScript/jQuery in the actualization of a digital Brand Display web ASP page for the sales audit department, utilizing SKU selection in a database to automatically populate sales promotion data.*
* *Played a key role in developing the WPF’s Law Enforcement and Incident Report Online application, responsible for tracking incidents in stores, enabling investigators to trace them and take corrective actions. Developed business objects, stored procedures, and controls in both the backend and frontend.*
* *Diligently troubleshot and resolved bugs in .NET applications to ensure optimal development environment.*
* *Designed and developed WinForms user interface projects with initial layout and base controls, providing a user-friendly interface for end-users.*

***Developer (Contract) Jan. 2003 – Oct. 2007 Canadian National Railway, Brampton, Ontario***

*Technical Scope: Visual Studio 2005, C# 2.0, SQL Server, MS Access, VB6, Crystal Reports 10, ASP.NET 2.0, AJAX, CSS, XML, Web Services*

*Analyzed requirements to develop applications that supported organization standards and best practices. Ensured compliance with internal information technology standards of security, architecture, project delivery methods, and vulnerability mitigation. Generated Data Transformation Service process to read data process and convert into reportable data in Crystal Reporting. Provided presentations and training on product design and functions to clients.*

***Key Achievements:***

* *Developed “WEB CN World Wide” application in ASP.NET-C# 2.0 and SQL Server 2000 to track CN and customers containers shipped from Nederland to Canada, enabling users to track container locations 24/7 and access relevant documents, services, and logistics information.*
* *Built architecture and developed Container Management Tool in Visual Basic (VB) for efficient warehouse and shipping management, allocating available container space based on customer base requirements.*
* *Contributed to the design, coding (using MS Access), and testing of the IMXTool Scheduling system, improving data retrieval, flexibility in reporting, and reliability and predictability of shipments.*
* *Created the FMS Interquisa tool interface, enhancing service monitoring for all traffic throughout North America.*

***EDUCATION***

* *Bachelor of Science in Mechanical Engineering, Zulia University, Maracaibo, Zulia, Venezuela*
* *ASP.NET/C# Programmer – Seneca College, Toronto, Ontario*
* *Certified in Focus, PL1, JCL, Access, Mark IV, dBase I/II/III/IV, FoxPro, Clipper, and Oracle – Main Technical College, Maracaibo, Zulia, Venezuela*
* *Edureka React.js Certificate*