**Felix Battig**

Profile

With over a decade of experience as a Full Stack Developer and a strong background in web development, Felix brings a comprehensive skill set and in-depth knowledge of various technologies. Throughout his career, Felix has worked on a wide range of projects, collaborating with teams to enhance and maintain enterprise applications, automate processes, and improve database efficiency. His expertise includes C#, .NET frameworks, SQL Server, Angular, and JavaScript, among others.

Felix has a proven track record in developing scalable web applications, utilizing agile methodologies to ensure effective collaboration and timely project delivery. He is experienced in working with cloud-based platforms such as Microsoft Azure, deploying and managing applications with efficiency. Additionally, Felix possesses strong problem-solving skills, enabling him to analyze client needs, identify requirements, and design robust software solutions.

Throughout his career, Felix has consistently demonstrated a commitment to delivering high-quality results, focusing on efficiency, scalability, and security. He thrives in fast-paced environments, working collaboratively with cross-functional teams to drive innovation and meet project objectives. With a solid understanding of the software development life cycle and a passion for staying updated with the latest technologies, Felix is well-equipped to tackle complex development challenges and contribute to the success of any project or organization. Latest technologies He is well-equipped to tackle complex development challenges and contribute to the success of any project or organization.

Areas of Expertise

**Full Stack Development and Web Application Architecture**

Felix has a strong background in full-stack development and web application architecture. With expertise in various technologies and frameworks such as .NET, C#, ASP.NET, Angular, React.js, Chart.js and SQL Server, Felix has successfully developed and maintained robust N-tier enterprise applications. Through collaborative teamwork, Felix has enhanced existing systems, automated processes, and improved efficiency on SQL databases. Additionally, Felix has experience in developing scalable web applications using modern web development tools and practices, including HTML, CSS, JavaScript, and responsive design. With a solid understanding of web application architecture and best practices, Felix has consistently delivered high-quality solutions that meet client requirements and contribute to the overall success of projects.

Project Experience

| Start - End Date  Employer/Client | Description |
| --- | --- |
| Aug 2022 –  July 2023  Compass Canada Mississauga | In the role of a Full Stack Developer, Felix played an integral part in a highly skilled team of .NET developers. Together, they were responsible for elevating and sustaining four Core N-tier enterprise applications, leveraging the power of .NET frameworks and the versatility of C#. Felix demonstrated a keen understanding of .NET's capabilities, crafting adaptable and high-performance solutions that seamlessly aligned with both business requirements and user expectations.  One of Felix's notable contributions was his adept use of reverse engineering techniques. He delved deep into the intricacies of existing code, constructing meticulous flowcharts and comprehensive documentation to gain profound insights into its functionality. Armed with this knowledge, he undertook the task of rewriting and refactoring the code, resulting in substantial improvements in maintainability and efficiency.  Felix was also an advocate for Trunk-Based Development (TBD) best practices, which had a transformative impact on the development process. His commitment to these practices led to reduced complexity and enhanced efficiency, ensuring the stability of the main branch and facilitating rapid feature delivery.  Furthermore, Felix took responsibility for maintaining and fine-tuning web GUI applications, particularly ASP.NET Web Forms. He diligently addressed and rectified issues related to incompatible Telerik controls and seamlessly integrated JavaScript functionality. This effort was instrumental in delivering responsive and interactive user interfaces, enhancing the overall user experience.  In the technical landscape, Felix operated within an environment that encompassed Microsoft Azure Cloud, Azure DevOps, .NET and DevOps CI/CD processing using GIT-based source control. His proficiency in these tools and technologies was pivotal in streamlining development workflows and ensuring a smooth deployment process.  Additionally, Felix extended his expertise beyond coding tasks. He actively participated in the training and onboarding of new developers, ensuring their readiness to contribute effectively to projects. His mentorship and guidance played a crucial role in nurturing a cohesive and capable development team. |
| Nov 2021 –  Jun 2022  First Canadian Title (FCT)  Etobicoke | In the role of a software developer, Felix streamlined development processes by utilizing TFS as a CI/CD tool and source control solution. Felix crafted versatile web applications with Angular 12, HTML, SASS, JavaScript, and .NET Framework - Web API. Felix's expertise included building optimized N-tier enterprise applications using .NET frameworks and C#. Felix contributed to the transformation of "FCT Junction Online" into a responsive web application.  Felix established a development environment with Angular, TypeScript, Bootstrap, ngx-bootstrap, and SSAS. Collaborating seamlessly with the scrum team, Felix constructed interfaces using NgRx and RxJs for reactive state management. Felix designed single-page applications with modular architecture, emphasizing clear component responsibilities. Additionally, Felix generated SQL Scripts to facilitate smooth database deployment and administration in the pre-production phase, ensuring readiness for database administrators. Felix's commitment to best practices and attention to detail contributed to project success. |
| Mar 2019 –  Jan 2021  RR Tax Accounting  Toronto | As a Full Stack Developer, Felix developed applications and databases, evaluating client needs and designing robust software solutions aligned with unique problem sets. He designed, developed, and implemented a customer tracking application in Angular8 with Angular Material, RxJs, ASP.NET Core API, and Azure SQL. He also implemented JWT Token-based authentication for secure ASP.NET Core Web API access. Additionally, he configured Azure resources and conducted meetings with clients to gather requirements and ensure effective communication between the client and the development team. |
| Aug 2018 –  Feb 2019  Royal Bank of Canada  Toronto | In this role, Felix analyzed requirements and collaborated with a team of developers to develop and solve technical front/back-end requirements on existing. NET/web applications. He developed the "Related Party Reporting" application using C#, Entity Framework, SQL, ASP.NET Core Rest API, and Angular. He also designed and implemented the "Resource Planning" application using ASP.NET MVC and integrated SharePoint view data with SQL Server for Tableau reports and web interfaces. Furthermore, he enhanced an enterprise financial planning web-based .NET application and created a console application for data transfer from SharePoint to SQL Server. He actively resolved business systems issues and recommended solutions that met stakeholder needs. |
| Sep 2014 –  Jun 2018  Copper Horizon Software (CHS)  Calgary | As a Full Stack Developer, Felix developed an Azure application with ASP.NET Core API & Angular-Bootstrap/ASP.NET Core MVC/SQL Azure, enabling PDF agreement document generation, search capabilities, data entry form templates, printing, emailing, and saving documents. He also developed and maintained ASP.NET MVC and Telerik Kendo User Interface applications for a Fortune Global 500 Corporation, improving data collection automation, validity, and multi-user access. Additionally, he utilized SSIS extensively for data extraction and transformation and implemented the Assyst Web application using Telerik Kendo controls. Moreover, he evaluated, improved, and maintained Silverlight Bayer’s financial enterprise budgeting and forecasting application. He followed Agile methodologies for effective collaboration and timely delivery of projects. |
| Jun 2013 –  Aug 2014  Bayer Crop Science  Calgary | As a Developer, Felix developed and maintained ASP.NET MVC and Telerik Kendo UI applications with strong use of JavaScript for a Fortune Global 500 Corporation. He improved the automation process of data collection, validity, and multi-user access for over 100 end-users. He also created and maintained a financial application that streamlined rebate calculation in Excel and VBA, resulting in significant cost savings and increased revenue. Furthermore, he evaluated, improved, and maintained Silverlight Bayer’s financial enterprise budgeting and forecasting application, supporting 500 concurrent users daily. He extensively utilized SSIS for data extraction and transfer from various sources and conducted meetings with clients to gather business processes and requirements. Felix effectively communicated between the client and the development team, translating business requirements into technical solutions through comprehensive documentation. |
| Aug 2012 –  May 2013  Ministry of Transportation  St Catherines | As a Developer, Felix played a key role in the development of the WPF front end and business components for the Transit Volume Information System (TVIS). The system reports the annual average daily traffic of 1500+ highway segments throughout the region. He applied MVVM and LINQ to Entities to ensure efficient and effective system functionality. He utilized TFS as a CI/CD tool and source control to ensure smooth and efficient management of code changes and version control. Felix also 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. He 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. |
| Jun 2011 –  Jun 2012  Ministry of Education  Toronto | As a Developer, Felix designed and implemented controllers, views, and models according to governing documents and client requirements. He ensured timely and accurate adjustments to Crystal Reports based on change request specifications. He 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. |
| Nov 2007 –  May 2011  Liquor Control Board of Ontario (LCBO)  Toronto | As a Lead Senior Developer, Felix successfully converted a Gift Card application to smart client technology, enabling real-time adjustment of card balances and choreographing the reconciliation of 100K card transactions worth $800K. He utilized SSIS as a processing tool to ensure compliance with PCI regulations. He applied data analysis to construct business objectives and develop user interface code in the backend, along with stored procedures and controls for high-volume sales, ensuring a seamless sales process for customers. Felix 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. He played a key role in developing the Silverlight Law Enforcement and Incident Report Online application, responsible for tracking incidents in stores and enabling investigators to trace them and take corrective actions. Felix diligently troubleshot and resolved bugs in .NET applications to ensure an optimal development environment. He also designed and developed WinForms user interface projects, providing a user-friendly interface for end-users. |
| Jan 2003 –  Oct 2007  Canadian National Railway  Montreal | As a Developer, Felix analyzed requirements to develop applications that supported organization standards and best practices. He ensured compliance with internal information technology standards of security, architecture, project delivery methods, and vulnerability mitigation. Felix generated Data Transformation Service processes to read data and convert it into reportable data in Crystal Reporting. He provided presentations and training on product design and functions to clients. Key achievements include developing the "WEB CN Worldwide" 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. He also built architecture and developed the Container Management Tool for efficient warehouse and shipping management, allocating available container space based on customer base requirements. Furthermore, Felix contributed to the design, coding, and testing of the IMXTool Scheduling system, improving data retrieval, flexibility in reporting, and reliability and predictability of shipments. He created the FMS Interquisa tool interface, enhancing service monitoring for all traffic throughout North America. |

Employment History

|  |  |  |
| --- | --- | --- |
| Compass Canada | Full Stack Developer | Aug 2022 – May 2023 |
| First Canadian Title | Angular/SQL Developer | Nov 2021 – Jun 2022 |
| RR Tax Accounting | Full Stack Developer | Mar 2019 – Jan 2021 |
| Royal Bank of Canada | Full Stack Developer | Aug 2018 – Feb 2019 |
| Copper Horizon Software | Full Stack Developer | Sep 2014 – Jun 2018 |
| Bayer Crop Science | Developer | Jun 2013 – Aug 2014 |
| Ministry of Transportation | Developer | Aug 2012 – May 2013 |
| Ministry of Education | Developer | Jun 2011 – Jun 2012 |
| Liquor Control Board of Ontario | Lead Senior Developer | Nov 2007 – May 2011 |
| Canadian National Railway | Developer | Jan 2003 – Oct 2007 |