**Lincoln Bicalho**

Software Engineer

Germantown, Maryland

**SUMMARY**

Seasoned Software Developer with over 10 years of experience in web development, specializing in the .NET framework. Expert in delivering robust solutions across diverse industries and skilled in translating complex requirements into efficient, user-friendly applications. Committed to innovation, collaboration, and technical excellence. Additionally, possesses specialized expertise in testing systems, being an adept Unity Test expert with a keen focus on enhancing test qualities. Exceptionally proficient in scrutinizing systems to identify, diagnose, and rectify errors and bugs, ensuring the highest level of software reliability and performance.

**SUMMARY OF QUALIFICATIONS**

* Over 10 years of comprehensive experience in software analysis, design, development, implementation, and support of multi-tier desktop, web, and mobile applications.
* Proficient as a .NET Developer, Full Stack Web Developer, and Database Specialist with extensive expertise in SQL Server.
* Solid foundation and 10 years of experience in ASP.NET, C#, and .NET frameworks, underpinning a broad range of development projects.
* Specialized in system testing and bug detection, with a strong background in conducting thorough quality assurance processes to enhance software reliability and performance.
* Extensive experience working with UnitTest projects, demonstrating a commitment to software quality and a keen ability to identify and resolve issues proactively.
* Demonstrated expertise in fostering software quality through meticulous testing methodologies, contributing to the development of robust, error-free applications.

**PROFESSIONAL EXPERIENCE**

NuAxis Innovations

Software Engineer

February 2023 - Present (1 year 10 month)

**NuAxis Innovations (Washington, DC)**  **03/2023 - Present**

**Software Developer**

At NuAxis Innovations, I serve as a full-stack Software Engineer, where my expertise extends to developing and testing systems for the Department of the Interior. My responsibilities span across various facets of software development, emphasizing the delivery of high-quality, secure, and efficient software solutions.

Key Responsibilities:

* **Client Coordination:** Actively engage with clients to gather and analyze requirements, ensuring that projects meet their expectations.
* **Development:** Participate in full-stack web development using the .NET framework, with a focus on crafting user-friendly interfaces and robust backend functionalities.
* **Testing & Deployment:** Perform comprehensive system testing and bug detection, utilizing xUnit for rigorous quality assurance. My specialization in testing systems and a strong background in working with numerous UnitTest projects underscore my commitment to software quality and reliability.
* **Collaboration:** Collaborate effectively within a team environment, coordinating with various departments to ensure efficient project execution.

Skills:

* **Frameworks & Languages:** Proficient in C#, ASP.NET Core, Entity Framework Core, enabling the creation of scalable and secure applications.
* **Frontend & Backend:** Skilled in Angular, USWDS, RESTful WebServices, and Azure DevOps, ensuring a seamless user experience and reliable system performance.
* **Database & Version Control:** Experienced with Microsoft SQL Server, Git, and Tortoise SVN, supporting robust data management and source control practices.
* **Testing & Project Management:** Adept in applying xUnit for testing and Microsoft Azure for project management, highlighting my expertise in ensuring software quality and managing the software development lifecycle.

In my current role at NuAxis Innovations, I am dedicated to leveraging my technical skills and specialized knowledge in system testing and bug detection to enhance the technological capabilities of the Department of the Interior, demonstrating an unwavering commitment to developing high-quality, user-centric software solutions.

**Atea Sistemas de Informacao Ltda (E-Lege)**  **01/2017 - 01/2020**

**Software Developer / Owner**

* e-Lege was the Brazilian ERP software for Politician and Political party;
* Designed and developed Political campaign software used to manage campaigns, donations, events for elections and fundraisers, documents, volunteers, staff information, communications tools, geospatial tools, combined data mining, data brokerage, and data analysis of electorate;
* Created tools to relationships with electorate through social engagement;
* Developed Statistical model to create a unique voter profile of each constituent;
* Developed Geospatial data analytics to provide a 360º view of electorate segments and their requirements. Politician can foresee electorate demands through predictive models and drive actions more effectively;
* Designed and developed Web-based software platform with tools designed to help political campaigns manage their voter, donor, volunteer, and membership data for election strategy, communications, and analysis;
* Manage extensive stakeholder data records (data warehouse; data mining; business intelligence);

**Environment:** ASP.Net, JQuery, AngularJS, Angular, C#, .Net, SQL Server, Oracle, MySQL, WebAPIs, SQL Server Reporting Services (SSRS), NHibernate, Entity Framework, RESTful API, Azure, .NET Core, Google Maps, Facebook API, Instagram API, Twitter API, Adobe Flash Builder, Adobe Flex

**ECO2 SISTEMAS** **01/2016 - 01/2018**

**Lead Software Engineer**

* Designed and developed a chain of custody software track certified wood from the forest to the store shelf;
* Designed and developed an innovative ERP application for lumbers industries to perform financial management, other management accounting functions, invoice, financial and supply chain;
* Created stored procedures, functions, Triggers, views, queries and database design;
* Created client-side scripting and design by using JavaScript, VBScript, HTML;

**Environment:** ASP.Net, JQuery, C#, .Net, SQL Server, WebAPIs, Xamarin.NET, Azure, .NET Core, ReactJS

**META TECNOLOGIA**  **01/2014 - 01/2016**

**Software Developer / Owner**

* Designed and developed Facial Recognition Time Clock for government agencies and government employees;
* Developed Time clock Xamarin app (Android or iOS app) to track, submit, and approve employee time from anywhere;
* Developed employee schedules by jobs or shifts;
* Developed Facial recognition technology for school attendance management;

**Environment:** ASP.Net, JQuery, C#, .Net, SQL Server, WebAPIs, Xamarin.NET, Azure, .NET Core

**Plasmel Plastics Industry** **06/2012 - 01/2014**

**Software Developer**

* Developed UI design, Coding and fix bugs in the development as per the functional design document;
* Developed a BI application;
* Wrote a few small applications in Xamarin (Android);
* Created SQL Server Integration Services packages and reports using SQL Server Reporting Service;

**Environment:** ASP.Net, JQuery, HTML5, C#, .Net, SQL Server, Xamarin.NET, SQL Server Reporting Services (SSRS), RESTful API, Azure, .NET Core

**CERTIFICATIONS**

Microsoft Certified: DevOps Engineer ExpertMicrosoft Certified: DevOps Engineer Expert

Microsoft Certified: Azure Developer AssociateMicrosoft Certified: Azure Developer Associate