

## Contact

65992262145 (Mobile)  
bicalho\_ljb@hotmail.com

[www.linkedin.com/in/lincoln-bicalho](https://www.linkedin.com/in/lincoln-bicalho)  
(LinkedIn)

## Top Skills

Dashboard Metrics  
Dashboard Building  
.NET Framework

## Languages

English (Professional Working)  
Português (Native or Bilingual)

# lincoln bicalho

Software Engineer

Germantown, Maryland, United States

## Summary

Seasoned Software Developer with 10+ years in web development, specializing in the .NET framework. Expert in delivering robust solutions across diverse industries. Skilled in translating complex requirements into efficient, user-friendly applications. Committed to innovation, collaboration, and technical excellence.

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## Experience

NuAxis Innovations

Software Engineer

February 2023 - Present (2 years 7 months)

Washington, District of Columbia, United States

At NuAxis Innovations, I contribute as a full-stack Software Engineer, specializing in system development for the Department of the Interior. My role encompasses a broad range of responsibilities, ensuring the delivery of high-quality software solutions.

Key Responsibilities:

Client Coordination: Liaise with clients for requirement gathering and analysis, ensuring projects align with their needs.

Development: Involved in full-stack web development using the .NET framework, focusing on both user-friendly interfaces and robust backend functionalities.

Testing & Deployment: Conduct comprehensive testing using xUnit and manage the deployment of applications, ensuring optimal performance.

Collaboration: Work in a team setting, coordinating with various departments for efficient project execution.

Skills:

Frameworks & Languages: Proficient in C#, ASP.NET Core, Entity Framework Core, and Razor.

Frontend & Backend: Skilled in Angular, Bootstrap, USWDS, RESTful WebServices, and Azure DevOps.

Database & Version Control: Experienced in Microsoft SQL Server, Git, and Tortoise SVN.

Testing & Project Management: Adept in xUnit testing and project management using Microsoft Azure.

Proficient in using Azure DevOps for project lifecycle management.

In my role, I am committed to developing secure, efficient, and user-centric software solutions, enhancing the technological capabilities of the Department of the Interior.

## Ptec

### Software Engineer

2019 - October 2022 (3 years)

Cuiabá, Mato Grosso, Brazil

At Ptec, I honed my skills in building sophisticated web and mobile applications for diverse clients. My role was integral in developing and integrating various technologies to create efficient, scalable, and innovative solutions.

#### Key Contributions:

ERP Web Development: Spearheaded the development of ERP systems, focusing on web-based solutions that enhanced business processes and operational efficiency.

Industry-Specific Solutions: Developed specialized software for the plastic industry, integrating core business functions with industry-specific requirements.

Machine Integration & IoT: Worked on cutting-edge projects involving the integration of machines with software systems, alongside implementing IoT solutions to foster automation and data-driven decision-making.

#### Technical Environment:

Frameworks & Technologies: Proficient in ASP.NET MVC, .NET Core, and JQuery, ensuring robust and responsive application development.

Cloud & Containers: Utilized Azure and Docker for cloud-based solutions and containerized applications, promoting scalability and efficient deployment.

Database Management: Managed and optimized SQL Server databases, ensuring data integrity and performance.

In my role at Ptec, I was committed to delivering high-quality, custom solutions that leveraged the latest technologies to meet the evolving needs of our clients. My experience at Ptec was instrumental in developing my skills in software development, particularly in ERP systems, IoT, and integration solutions.

## Atea Sistemas de Informacao Ltda (E-Lege)

### Software Developer

January 2017 - January 2020 (3 years 1 month)

Cuiabá, Mato Grosso, Brasil

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 360° 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, 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

### Lead Software Development Engineer

January 2016 - January 2018 (2 years 1 month)

Cuiabá e Região, Brasil

At Eco2 Sistemas, I led the development of innovative software solutions, focusing on ERP applications for the lumber industry and chain of custody software to track certified wood. My role involved end-to-end development, from conceptual design to deployment, ensuring the delivery of high-quality, efficient applications.

#### Major Achievements:

Chain of Custody Software: Designed and developed software to track certified wood, ensuring transparency and compliance from the forest to the store shelf.

ERP Application for Lumber Industries: Created a comprehensive ERP application tailored for lumber industries, encompassing financial management, accounting functions, invoicing, and supply chain management.

Database Management: Developed complex stored procedures, functions, triggers, views, and queries, contributing to efficient and secure database design and management.

#### Technical Proficiencies:

Development Technologies: Skilled in ASP.Net, C#, .NET Core, and ReactJS, delivering responsive and user-friendly applications.

Client-Side Scripting: Expertise in JavaScript, VBScript, and HTML for dynamic client-side scripting and design.

Mobile Development: Utilized Xamarin.NET for cross-platform mobile application development.

Cloud & APIs: Integrated Azure services and developed WebAPIs for enhanced application functionality.

Database: Proficient in SQL Server, focusing on optimized database solutions.

As a Lead Software Development Engineer, my role was pivotal in driving project success, leveraging my technical expertise and leadership skills to deliver solutions that significantly enhanced operational efficiency and compliance in the lumber industry.

## Assembleia Legislativa do Estado de Mato Grosso

### Data Science Manager

April 2016 - January 2017 (10 months)

Analysis and generation of indicators, based on data collected from government agencies, for decision-making processes of a technical team.

Data structuring, importing large amounts of data, structuring it into a database.

Information processing, and their relationships, in charts, maps, tables and meters, with DashBoards web.

## MetaTI

### Software Developer

January 2014 - January 2016 (2 years 1 month)

Cuiabá e Região, Brasil

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 Indústria

### Software Developer

June 2012 - January 2014 (1 year 8 months)

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

Tribunal de Contas do Estado de Mato Grosso  
Information Technology Technician  
November 2008 - June 2012 (3 years 8 months)  
-Tests and system documents.

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## Education

### UniCesumar

Bacharelado em Engenharia de Software, Engenharia de  
Software · (2018 - 2022)

### Unic - Universidade de Cuiabá

Sistema de Informação, Tecnologia em Tecnologia da Informação/Sistemas  
da Informação · (2009 - 2012)

### unic

Bacharelado em Sistema de Informação com Ênfase em  
Análise, Desenvolvimento Web · (2009 - 2012)