

Aderbal Farias

Senior Software Engineer | Full Stack Developer

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Summary

Experienced and dedicated Software Engineer who has been involved in a variety of projects and likes software development, technology, and a keen interest in learning and evolve constantly.

Highlights

- > 9+ years of software development including software architecture;
- > Strong experience in Back-end development and frameworks (.NET, .NET Core, C#, Rest APIs, MVC, Entity Framework, Entity Framework Core, Dapper and ADO, OAuth 2);
- > Strong experience in Databases (SQL Server, MongoDB, and Cosmos);
- > Solid experience in Front-end development (HTML 5, CSS 3, JavaScript, Angular, JQuery, Bootstrap, Vue.js);
- > Solid experience in Software architecture and message queues (DDD, N-Tier, NServiceBus);
- > Experience in designing, executing, assessing, coding and troubleshooting software programs and applications including developing, configuring and documenting software specifications throughout the full project lifecycle;
- > Excellent knowledge of business rules involving real estate credit financing, vehicle credit financing, file manipulation for printing invoices, as well as workflow rule mastery to manage of process;
- > Experience in working both independently and in a team-oriented, collaborative environment;
- > Knowledge of PowerShell, Java, PHP, Firebase, MySQL;
- > Certifications MCSD App Builder, MCSD Web Application, Azure Developer;
- > Open source contributor;
- > BSc in Information Technology.

Experience

Senior Software Develop at [AMCS Group](#)

March 2021 to Present – Dublin – Ireland

AMCS is the leading supplier of integrated software and vehicle technology for the waste, recycling and material resources industries. The company enterprise software and SaaS solutions deliver digital innovation to the emerging circular economy around the world. AMCS solutions reduce the paperwork, time and costs of operating waste, resource management and recycling businesses.

My main responsibilities included:

- > Back-end development with C# and SQL in order to create REST APIs in .NET Core
- > Front-end development using Angular 12;
- > Design of stories before implementation;
- > Data modelling, creation, maintenance of procedures, views, and functions in SQL Server databases using customized ORM;
- > Attending daily stand-ups, sprint planning, sprint retrospectives and estimating effort for tasks;

- > Development of Unit Test, Integration Test using xUnit and MSTest with Moq in order to support code quality goals;
- > Code versioning control through Git;
- > Development Tools Azure DevOps, Visual Studio, Visual Studio Code, Git Bash and Postman.

Senior Software Engineer at [Avanade](#)

October 2018 to December 2020 – Dublin – Ireland

Avanade is a global professional services company providing IT consulting and services focused on the Microsoft platform with artificial intelligence, business analytics, cloud, application services, digital, transformation, modern workplace, security services, technology and managed services offerings.

My main responsibilities included:

- > Back-end development with C# and SQL in order to create REST APIs in .NET Core 2.2 and 3.1 applying concepts like message queue implementing NServiceBus and Microservices;
- > Front-end development using Angular 8 and custom interfaces using Kendo UI components;
- > API, UI authentication and authorization using OAuth 2.0 with jwt tokens, OpenID and OpenIddict;
- > Data modelling, creation, maintenance of procedures, views, and functions in SQL Server databases using Entity Framework and Entity Framework Core ORM;
- > Attending daily stand-ups, sprint planning, sprint retrospectives and estimating effort for tasks;
- > Development of Unit Test, Integration Test and Selenium Test using xUnit and MSTest with Moq and NSubstitute in order to support code quality goals;
- > Development of batch jobs and writing PowerShell scripts;
- > Code versioning control through Git;
- > Development Tools Visual Studio, Visual Studio Code, Git Bash, Postman and VSTS.

Senior .NET Full Stack Developer at [Gservicer](#)

October 2016 to September 2018 – Jundiaí, SP – Brazil

Gservicer is a startup that provides software to manage the processes in a business through a workflow to map all of the activities, as well as software to real estate credit management.

I was working there in a team of five I spent most of my time coding and discussing technical details with the other developers. I worked for six months at the company office and a year and a half remotely, we built a system from the beginning to manage processes of business, it works automatizing tasks and helping the users make decisions.

We had meetings on Fridays and every day before lunch we had had a quick chat to talk about what we had done and the situation of the activities of each one, we were using TFS to manage our tasks.

My main responsibilities included:

- > Analysis and development of web system in the .NET platform using Framework 4.6, including WCF for systems integration and windows service for the execution of routines and creation of custom HTML helpers;
- > Participation in the full project life cycle. Initiation, Planning, Execution and Closure;
- > Architecture creation complying with the principles DDD (Domain Driven Design), creating documentation for the developed code, sharing experience and knowledge with team members;

- > Back-end development with C#, ASP.NET MVC 5 and API, Entity Framework 6.1.3, Linq Lambda and Dapper;
- > Front-end development of screens with HTML 5, Razor, CSS 3, Bootstrap 3, Javascript, JQuery, AJAX and JSON;
- > Development of WCF for systems integration, as well as windows service for execution of routines;
- > Data modelling using SQL Server with ORM Entity Framework Code First, Fluent API and Micro ORM Dapper;
- > IIS environment settings to publishing applications and version control with TFS.

Project: Gsys, a system developed in about ten months using .NET Framework 4.6 with C# and ASP.NET MVC 5, in addition to using concepts such as inversion of control and some principles DDD architecture.

Senior .NET Developer at [Iterative](#)

November 2015 to October 2016 – São Paulo, SP – Brazil

Iterative is a software factory, the company provides development, maintenance and support of software/systems with a focus on results and reduction of costs.

I joined Iterative to work in a project called Interflow for the client Interservicer/Interfile, company that I had worked for before, so I had the business and technical knowledge, our team was composed of ten developers, two testers and two process analysts.

My main responsibilities included:

- > Analysis of software requirements and plan development accordingly. Developed high quality and effective software within a strict timeline, following the best principles of software design;
- > Communicating effectively with business owners, managers and quality control specialists, regarding plans, issues and timelines. Helping and teaching co-developers and quality control specialists when necessary;
- > Development and maintenance of web systems in the .NET platform using Framework 4.5.1;
- > Back-end development with C#, ASP.NET MVC 3 and 5, Entity Framework 6.1, NHibernate and Linq Lambda;
- > Front-end development of screens with HTML 5, Razor, CSS 3, Bootstrap, Javascript, JQuery, AJAX and JSON;
- > IIS environment settings to publishing applications and version control with TFS;
- > Development of WCF for systems integration, as well as windows service for execution of routines;
- > Data modelling, maintenance of views and procedures using SQL Server with Entity Framework, NHibernate, Dapper and PetaPoco.

Successful Projects

- > Project: Interflow (Interservicer Real Estate and general credit system) - 10 Months | Design and maintenances
- > Project: JogaJunto for Aktuellmix

Senior .NET Developer at [Fast Solutions](#)

November 2014 to November 2015 – Barueri, SP – Brazil

Fast Solutions work as a print center, the company provides printed invoices for large Brazilian companies, such as banks and telecommunications companies.

I worked in a team of ten developers, however on the web projects I was working independently and I developed web portals for three clients (Sky, Abril and Tim) applying the principles of DDD architecture with ASP.NET MVC 5 and several features like SOLID principles and ADO.NET to optimize the performance of the reports because of the large amount of data.

I created windows service applications to monitor folders receiving files and I also worked on bug fixing for their legacy back-end code that had written in C# as well.

My main responsibilities included:

- > Analysis and development of systems in the .NET platform using Framework 4.5, architecture creation complying with the principles DDD;
- > Back-end development with C#, ASP.NET MVC 5, Entity Framework 6, Linq, ADO.NET and Dapper;
- > Front-end development of screens with HTML 5, Razor, CSS 3, Bootstrap, Javascript, JQuery, AJAX and JSON;
- > Data modelling using SQL Server with ORM Entity Framework Code First, Fluent API and Micro ORM Dapper;
- > Development of Windows services to monitor and insert data in a database;
- > IIS environment settings to publishing applications and version control with TFS.
- > Data modelling using SQL Server with Entity Framework, Dapper and ADO.NET.

.NET Developer at [Interservicer](#)

April 2012 to October 2014 – São Paulo, SP – Brazil

Interservicer provides solutions for analysis of real estate credit documentation, the company works end-to-end managing the process of real estate financing.

I worked for most of the time in a team of twelve developers responsible for creating a platform called “Interflow” to manage real estate credit documentation, we developed a workflow in the system and it became the differential for prospective new clients because the workflow interacts with the user for faster and more efficient solutions avoiding human errors.

My main responsibilities included:

- > Development and maintenance of web system in the .NET platform using Framework 3.5 and 4.0 using architecture N-Tier with layers like core, facade, domain;
- > Back-end development with C#, ASP.NET MVC 3, Entity Framework 4.1, Linq Lambda and ADO.NET;
- > Front-end development creating screens using HTML, CSS, Javascript, JQuery, XML, JSON and AJAX;
- > IIS environment settings, application publishing, versioning with Visual SourceSafe and TFS;
- > Data modelling, maintenance of views and procedures using SQL Server and Oracle.

Successful Project

Developed "Interflow" platform (Real Estate Credit Documentation Management) | The platform managed real estate financing documentation for the following customers: Bradesco, Banco do Brasil, Itaú Consórcios, Banco PAN, BV Financeira, BM Mortgages | Achievement: Interflow contributed to the growth of the company in the Brazilian service market, having as clients three of the five main Brazilian banks and we managed to reduce the time of client documentation analysis by 60%.

Education

Bachelor's degree, Information Systems (Irish NFQ Level 8)

UNIFIEO, Brazil | 2011 - 2014

Technology degree in Computer Systems Analysis (Irish NFQ Level 6)

UNIFIEO, Brazil | 2011 - 2012

Certifications

- > Microsoft Certified: Azure Developer Associate
- > MCSD: Web Applications
- > MCSD: App Builder
- > MCSA: Web Applications
- > MS: Programming in HTML5 with JavaScript and CSS3
- > MCPS: Microsoft Certified Professional
- > Scrum Fundamentals Professional Certificate (SFPC)

References Upon Request