

JESUS DIAZ

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EXPERIENCE

FEBRUARY 2022 – CURRENTLY (REMOTE)

FULL STACK DEVELOPER, ELITE DEVZ - ST. LOUIS, MO

- Develop a Web Crawler application in ASP.NET MVC and EF Core.
- The Crawler was designed to crawl any set of websites with advanced configurations.
- Scrape relevant data for clients' needs and optimize searches using SEO practices.
- Implement Reverse Proxies to prevent websites from blacklisting the crawler and security.
- Use EF Core to work with relational data through objects and Repository classes.
- Implement LINQ for Lazy Loading, reusability, and compile-time type checking.
- Run a series of Unit Tests to ensure all controllers and methods work properly with various data.
- Use JavaScript for manipulate DOM elements and improve user interface.

Stack Utilized: C#, .NET 7, ASP.NET, MVC, EF, Web APIs, SQL Server, HTML, CSS, JavaScript, jQuery, xUnit, Bootstrap, LINQ, Razor.

MARCH 2023 – CURRENTLY (REMOTE)

FULL STACK DEVELOPER, APEX POWER DIALER – ST. LOUIS, MO

- Develop reusable UI components in Angular for a Power Dialer application.
- Build RESTful Web APIs in ASP.NET Core to perform CRUD operations.
- Use EF Core and LINQ to work with relational data.
- Responsible for completing tickets in a timely manner, mainly maintenance request through Azure DevOps
- Work with Azure and SQL Server for database management of the microservices
- Fix bugs and help assist in developing new features for our web application

Stack Utilized: C#, .NET 6, ASP.NET, Web APIs, Angular, HTML, Bootstrap, CSS, xUnit, JavaScript, SQL Server, Azure, EF Core, LINQ.

EDUCATION

AUGUST 2019 – AUGUST 2021

ASSOCIATE DEGREE IN SOFTWARE PROGRAMMER/DEVELOPER,
BROOKHAVEN COLLEGE – FARMERS BRANCH, TX

I worked on multiple projects both software and web applications using C# and JavaScript, which involved managing databases through SQL Server. I've developed web apps through WordPress and using

custom scripts to improve the user interface. Create algorithms using data structures to sort data in C# and develop WinForms applications to keep records of completed tasks and information to a local database using ADO.NET in SQL Server. I received my Computer Programming and Microsoft Word certifications. I've graduated with a 3.3 GPA.

SKILLS

- C# / .NET 8
- ASP.NET MVC
- Unit Testing
- Web APIs
- DevOps
- Git
- LINQ/Lambda
- Azure/SQL Server
- JavaScript
- SQL/ADO.NET
- CSS/Bootstrap
- HTML/HTML5
- EF Core
- Angular
- Agile Development
- RESTful/CRUD

PORTFOLIO PROJECTS - GIT

Scientific Calculator

- Developed a web-based Calculator
- Stack Utilized: C#, ASP.NET, JavaScript, HTML, CSS
- [Scientific Calculator](#)

Banking System

- Developed a web-based CRUD Banking System in ASP.NET MVC.
- Stack Utilized: C#, SQL Server, ASP.NET MVC, HTML, CSS, JavaScript, Entity Framework, CRUD.
- [Banking System](#)

School System

- Developed a web-based school system in ASP.NET MVC that manages student and school information. This application uses Entity Framework and Repository classes to control relational data.
- Stack Utilized: C#, ASP.NET MVC, SQL Server, JavaScript, CSS, Entity Framework, CRUD, HTML.
- [School System](#)

Angular Portfolio

- Portfolio webpage using Angular and a private ASP.NET Web API for the Back end that is used to allow the contact form to send automatic emails through an SMTP service in Hostinger.
- Stack Utilized: C#, ASP.NET Web API, Angular, CSS, HTML, MySQL
- [Go1dOnyx/portfolio \(github.com\)](#)

ZymAPI

- This is the back-end API that uses the modular approach of building my online store from scratch using microservices. It's under development and my angular application that would use this API.
- Stack Utilized: C#, ASP.NET Web API, Microservices, Repository Classes, Unit Tests, SQL Server
- [Go1dOnyx/ZymAPI: This is my API server for my e-commerce project that I'm working with a small team. \(github.com\)](#)