Hernandez Leonardo

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Skills

Python, C#, JavaScript,ASP.NET, ASP.NET MVC 4, ADO.NET, Entity Framework, IIS, WCF, AJAX Web Services, Angular, React.js, Redux, HTML5, CSS3, jQuery, SQL, postgreSQL, SQL Server 2012, AWS, Azure, Heroku, Docker,

Experience

Mobile Developer (Business Owner**)** | 3HeadMonkeyL.L.C   Feb 2019 - Nov 2020
- Implemented the application (live mobile app) using of C#,Unity3D, Google FireBase, Native Audio(c++), Swift and Android Studios.
- Utilized Team Foundation Server (TFS) and Visual Studio Online for source control
- Designed and hosted databases using Google FireBase
- Enabled AWS to store the application audio assets
- Employed Ableton Live Api to map and record the audio files
- Used FMOD Scripting middleware to customize realtime audio output

Environment: Visual Studio 2015/(later Visual Studio 2019),C#, Unity3D, C++, Swift, Android Studios

Software Developer | RMS Inc.   May 2017 - Feb 2019
- Implemented the application using of C#, ASP.NET 3.0, LINQ TO SQL, MVC, JQuery and AngularJS.
- Utilized web API to provide information to the webpage
- Enabled Team Foundation Server (TFS) and Visual Studio Online for source control
- Designed elastic databases and Hadoop clusters/(later Java HDInsight mixed mode)
- Applied Reflection to make the code flexible and future proof to changes in the database
- Improved custom security to provide granular control over actions by role and user
- Implemented advanced security measures in the back end to secure user data and in the front end to prevent Session impersonation, cross site, MITM and other attack
- Used SSIS to handle the migration from AWS to Azure

Environment: Visual Studio 2015, C#, ASP.NET 3.0, SQL Server 2012, JQuery, SSRS, JavaScript.

Software Developer - Data Scraping | VitaFlex   Nov 2014 - May 2017
- Created an application that collects data from competing companies and produces new market strategies using of **C#, ASP.NET 3.0, Web Forms, ADO.NET and JQuery**
- Designed and implemented a mobile and non-mobile interface
- Assembled a panel for rules aggregation to enhance overall performance by reducing the amount of data being processed
- Used **SSRS** for establishing a daily, monthly and quarterly sales report to promote profit and minimize cost
- Utilized Team Foundation Server **(TFS)** for Project and Defects Management

Environment: Visual Studio 2012, C#, TSQL, ASP.NET 3.0, SQL Server 2012, JQuery, SSRS, JavaScript.

C# Developer | US State Department, Consular Affairs (Internship - Havana, Cuba)   Feb 2014 - June 2014
- Followed the **N-tier** architecture to provide services at a manageable and elevated rate
- Created REST APIs for external reporting data tools, and internals within NIV systems using **SSRS**
- Involved in the testing phase and gradual deployment to fulfill the core functionality performance and culmination
- Leveraged **AJAX**, **JavaScript and Web Forms** for the presentation layer and client side validation, providing a more responsive UI.
- Worked closely with the internal clients to ensure the accuracy of user stories and requirements gathering

Environment: Visual Studio 2010, .Net 3.0, C#, ADO.Net Entity framework, ASP.NET 3.0, WCF, CSS, AJAX

Additional Experience

.NET C# Developer | SOM Biotech   Nov 2013 - Feb 2014
- Leveraged WCF to impose flexible business rules
- Created new reports in SQL Server Reporting Service (SSRS) to generate Event related information and list according to last suitability updated date
- Created custom HTML helper methods
- Provided acceptable code coverage (within project specs)

Environment: Visual Studio 2008, C#, TSQL ASP.Net MVC 2, Razor View Engine, SQL Server 2008

C++/CAD Developer | DCH Havana City Design   April 2013 - Sept 2013
- Used AutoCAD 2002 scripting and design
- Used C++ Builder 6 to create a simple windows application for CRUD operations into the city database
- Used SQL Server as a backend

Environment: AutoCAD 2002, C++ Builder 6, SQL Server 2005, TSQL

Projects

Dotify-Sound   live site | github
- Applied React audio player to create an integrated sound system
- Utilized **Git** and Github Online for source control to manage documented, sustainable code
- Designed the database structure for the backend layer using **Alembic** and **SQLAlchemy** which provided a fully customized model to efficiently conduct data management
- Used **React-Redux** for rendering the frontend
- Achieved advanced security measures in the back end to secure user data and in the front end to prevent Session impersonation, cross-site

Environment: Python, JavaScript ,Flask,PostgresQL, Node.j, NPM, HTML5, CSS, AWS, Heroku, Docker

Discordance   live site | github
- Utilized SocketIO for instant chat response on the backend
- Designed databases using Alembic and SQLAlchemy
- Created advanced security measures in the back end to secure user data and in the front end to prevent Session impersonation, cross-site
- Implemented material UI and raw CSS for the styling of the application

Environment: Python, JavaScript ,Flask,PostgresQL, React-Redux, Node.js, HTML5, CSS, AWS, Heroku

VacayMe   live site | github
- Designed databases using Sequelize-CLI
- Applied Integration with Google Maps API
- Administered advanced security measures in the back end to secure user data and in the front end to prevent Session impersonation, cross-site

Environment: JavaScript ,Express ,PostgresQL, React-Redux, Node.js, HTML5, CSS, AWS, Heroku

Comic-Collection   live site | github
- Designed databases using Sequelize-CLI
- Enabled Pub(HTML) for rendering the frontend
- Improved advanced security measures in the back end to secure user data and in the front end to prevent Session impersonation, cross-site

Environment: JavaScript, Express, PostgresQL, Node.js, HTML5, CSS, Heroku

Education

App Academy | *Immersive software development course with focus on full stack web development*   Spring 2021
University of Havana | *BA of Computer Science*   Summer 2014