

AFRAEL ORTIZ

Weston, FL 33327

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EXPERIENCE

UKG

December 2020 - Present

Principal Software Engineer (Tech Lead role)

Weston, FL

- Responsible for providing technical guidance during the design of new features for FGS (Filing Generation Service), partnering with senior technical leaders and business analysts.
- Contributing to the technical growth of the developer team (10 engineers) through frequent 1:1s, knowledge sharing and helping with goals setting.
- Currently leading the developer team during the creation of new features to FGS that will allow it to perform faster and deliver more accurate results.
- Successfully created a distributed service (FGS) and broke out of a legacy system into its own service complete with an independent pipeline.
- Overseeing pull requests and code quality metrics, providing technical advice to junior members, contributing to performance reviews.

UKG (Formerly Ultimate Software)

August 2016 - December 2020

Sr Software Engineer (SWE IV)

Weston, FL

- Building a distributed process service to generate tax filings in a matter of minutes instead of hours.
- Developed an event based file generation backend to create year end filings.
- Created a server-side service that creates ACH files based on string templates.
- Built a service to isolate disk access and publish such files to a private cloud.
- Created a CLI utility to create documentation based on git commits.
- Overseeing pull requests, mentoring and onboarding junior members, contributed to performance reviews.

AutoNation

January 2016 - August 2016

Technical Lead

Fort Lauderdale, FL

- Developed a set of guidelines for the addition of new features.
- Oversaw pull requests and code reviews to ensure quality of the code.
- Communicated complexity and risks involved with new requested features.
- Addressed technical debt: memory leaks, optimization of code and markup, metrics and logging through AppInsight clean-code practices and data migration efforts.

AutoNation

August 2010 - January 2016

Senior Software Developer

Fort Lauderdale, FL

- Taught myself Xamarin Forms and developed a cross-platform mobile CRM app client.
- Built a web based texting feature using Microsoft SignalR.
- Created a plugin-based notification service.
- Converted a legacy ASP, ASP.NET and SOAP Web Services system to an AngularJS app and RESTful APIs.
- Implemented a pricing system, define pricing rules and tiers for all new vehicles in inventory.
- Developed a proprietary stock system, stocks all new vehicles, registers invoices and GL calculations.

Assurant INC

February 2006 - August 2010

Software Engineer

Miami, FL

- Created a new validation library using regular expressions recipes.
- Exposed data through a RESTful interface and refactored the methods that are invoked.
- Created a security model that hides sensitive information through the use of variable substitution.
- Designed and created web page layouts that support localization for international users.

SMX Services and Consulting

May 2002 - February 2006

Programmer Analyst / Sr. Web Developer

Miami, FL

- Developed a contractor evaluation application for Miami Dade Public Schools
- Contributed to the Health and Social Services Ryan White project, Hillsborough County, Florida.

Banco Exterior*Programmer Analyst, SQL Server DBA*

May 2001 - May 2002

Caracas, Venezuela

- Served as the technical leader and group coordinator of the development team, developed middle ware and transaction handling components, COM components and custom ActiveX DLLs and controls.

Unisys*Information Services Consultant*

1996 - 2000

Caracas, Venezuela

- Participated during the implementation and deployment of a proprietary banking application. This included major projects in Venezuela and projects in Chile, U.S.A., Brazil and Puerto Rico.

TECHNICAL SKILLS

- C#, JavaScript, TypeScript, Objective-C
- Queue and event driven systems
- Microsoft SQL Server, MySQL, MongoDB
- Microservices, micro-frontends
- Software design patterns
- Distributed systems
- Domain driven design
- HTML, CSS, Angular, ASP.NET, RESTful Apis
- Software testing
- Tech leadership, mentorship, architecture

EDUCATION

Lisandro Alvarado University, Barquismeto, Venezuela

Bachelor of Science, Computer Science

MISCELLANEOUS

Learned Objective-C and Cocos2d and created a bilingual educational iPhone app for my daughter.

Created a PHP based web directory to register Venezuelan blogs.

Speaks English and Spanish fluently and some Portuguese.

Love retro gaming and retro programming and enjoy generative art, instant photography and cheesemaking.