YASEL PRADO

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**Objective:**

A position as a **Senior SOFTWARE ENGINEER or related**

**Education:**

- BSc. Degree in Computer Science, University of Havana, 1996 – 2001

**Summary of skills:**

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| • C#, Javascript, Java, Python, Typescript, T-SQL  • .Net Framework (1.1–4.5), .Net Core, C#, Asp.Net MVC, WCF, Web Services and Web API; ADO.NET, EF, LINQ, Repository Pattern, Unit of Work, Unity IOC Framework  • Html, CSS, Bootstrap, JQuery, AngularJS & Angular 6, Json, Xml, Ajax, Npm  • IDEs: MS Visual Studio, Visual Studio Code, Intellij IDEA, PyCharm  VCS: MS TFS, Git. Clients: SourceTree, Github Desktop  • Normalized database design.  DB systems: MS SQL Server, Postgres SQL, some No-Sql experience.  ORM: Microsoft Entity Framework, LINQ, Java Persistence API, HQL | • OOP concepts, SOLID principles, focused on best practices, design patterns, frameworks and software libraries.  • Java Spring Boot, Gradle, Spring MVC, Jersey, JPA Hibernate, HQL  • Celery Task Queue, Redis  • MS Biztalk Server, WCF and RESTful API Integrations: Avaya, Zendesk, WhenIWork, several service providers in the financial, health, and retail industry.  • Microservices, Docker Containers, cloud-enabled development, CI, Bamboo  • OS: Windows, MacOS, Linux. Other Languages: C, C++ Enterprise software development.  Event driven architecture. |

**Professional Experience:**

• Sr. Software Engineer 11/2018 - Present

Beckman Coulter, Miami, FL

- Primary role: development and support of data management tools.

- Enhancement of existing legacy system for the clinical trials - data management team, integration of new instruments to the framework.

- Design, architecture and implementation of a web-based version of current win-form legacy application. Using .Net Core Web Api, .Net Core EF, Repository Pattern, MS Sql Server, Angular 6, Typescript, Bootstrap, CSS. Microservices, API gateway, Identity Server.

• Sr. Software Engineer – Backend 06/2018 – 11/2018

JetSmarter, Fort Lauderdale, FL

- Primary role: development of enterprise tools, integration and engineering of solutions with third party systems.

- Designed and implemented an integration with Zendesk API to enhance JetSmarter customer service capabilities. Used Python, Postgres, Celery Task Queue for event pub/sub pipeline and Redis as message broker. Also developed JavaScript based Zendesk Apps using Zendesk Application Framework.

- Designed and implemented an integration with WhenIWork scheduling platform. This is a microservice responsible to maintain the schedules of JetSmarter ground experience representatives into WhenIWork. Used Java Spring Boot, Gradle, JPA hibernate using HQL, Jersey Rest client, Postgres. Development focused on targeting docker containers, integrated into AWS using Bamboo CI/CD pipeline.

• Sr. Software Developer 04/2014 – 06/2018

BankUnited N.A., Miami Lakes, FL

- Primary role: development of enterprise web applications for internal departments in the bank.  
- Responsible for the design and implementation of an Enhanced Due Diligence system for the bank’s BSA department. Used MVC4 with razor engine, EF6, Repository Pattern, Unit of Work, IoC Unity Dependency Injection, JQuery, Bootstrap, CSS, Html5, DB Sql Server 2012  
- Designed and implemented an internal complaint case management tool, according to CFPB guidelines, as part of recent requirements from industry regulators. Made architecture of a multi-tier solution using: Asp.Net MVC4, Web API, EF6, Repository Pattern, IoC Unity Dependency Injection, JQuery, Bootstrap, CSS, Html5, DB Sql Server 2012  
- Developed an internal portal to manage online offered bank’s products. Used AngularJS 1.3.5, Angular-UI, Asp.Net Web API 2.0, IoC Unity Dependency Injection, EF6, Repository Pattern, Unit of Work, DB Sql Server 2012.

- Developed a variety of other smaller applications mostly in AngularJS SPA, Asp.Net Web API, IoC Unity, EF6, Repository Pattern and Unit of Work

• Sr. Software Developer/Analyst 03/2011 – 04/2014

Alorica Inc. (formerly known as PRC), Plantation, FL

- Primary role: Development of enterprise tools mostly to support Alorica’s CRM framework.   
- Designed and developed an enterprise solution to support the integration between Alorica’s CRM and Avaya Dialer; modes supported in the implementation: Predictive Outbound, Preview Outbound, and Blended (Avaya AES and Avaya Proactive Contact). Implemented a multithreading framework responsible for handling thousands of concurrent connections with Avaya, communication was implemented at the socket level in an asynchronous mode. WCF was used to communicate with Silverlight client module, using binding type WSDualHttpBinding.

- Design an implemented an enterprise framework to provide Call Recording capabilities for most of the Alorica CRMs. This framework interacts with an infrastructure based on Verint Systems. Used C# 4.0, .Net WCF, .Net multithreading.

- Designed and developed an online tool used to search for phone numbers and supervisors for employees. Used C# 4.0, Asp.Net MVC 4 with EF 4 and Repository Pattern, CSS, JQuery.

- Development of Alorica’s CRM for Altria Group, using a framework that was developed with Silverlight 4.0, WCF and based on the MVVM design pattern.

- Wrote technical specification documents for developers; assisted in the creation of test cases for QA; code review; wrote ORT Test Cases and worked with SQA on revisions.

• Software Developer 03/2010 – 03/2011

Medica Healthcare Plans, Inc., Coral Gables, FL

- Primary role: Applications developer for internal and external web applications.  
- <https://provider.medicaconnect.com> Web portal of Medica for participating providers, the site offers tools for access patients’ eligibility, claims and authorization status; submission of referrals and claims electronically. VS 2008 .Net 3.5, Sql Server 2005, Infragistics 2009, Html, Javascript, CSS, Xml, Ajax, Jquery, EdiDev.

• Software Developer 04/2004 – 03/2010

Croem Inc., Miramar, FL

Primary role: Design, development and maintenance of complex web-enabled business applications and financial web-services under various platforms (Visual Studio 2003 & 2005, C#, and MS SQL Server)

Web Programming

- CellCharge – Developed a system to support the processing of credit card and check’s transactions via IVR. In addition to this system, implemented a trading partner integration using Biztalk Server 2004 to manage the inventory of Cellcharge products in Office Depot stores; exchanged EDI documents between Cellcharge and Office Depot. Technologies used: EDI adapters, biztalk orchestrations, FTP, SQL and HTTP adapters, XML-EDI transformations, XSLT.

- Accutraxx - a card portfolio management system. Provides clients with facilities to manage their credit card inventory, distributors, and commissions.

- Multicredit Bank – Online Banking System. This system enabled prospective and current clients to apply for various banking products, i.e. checking, credit, loan accounts as well as access and manipulate current accounts.

Developed a merchant management system that provides tools for processing, reporting and administering merchant transactions. Response time for transactions processing is guaranteed to be less than five seconds.

Windows programming and design

- Designed and developed a multithreaded windows forms application to monitor company resources and throw alerts via email or SMS when an issue is detected. The application checks whether a web site is up and running, availability of an FTP server, check whether a program is running, and several other configurable tasks. (MS VS 2005, Winforms)

- Designed and implemented processes to integrate and use the credit card and check processing services of the following financial institutions: Tecnicard, Credomatic, FirstPay, Sage Payments, Telecheck, Network1Financial, National Check Network, ECHO, TRNXS.

- Developed a solution which has the objective of connecting providers of a medical network to healthcare insurance companies, so they can perform: real time eligibilities, referrals, and claims submissions. Developed an in-house parser/generator for HIPAA X12 standards: 270/271, 276/277, 837/835, 278. Integration was made with an interface called EnvoyLink provided by WebMD. Team lead of the development of this project, programmed with c# 2.0, ASP.NET Web Forms and MS SQL Server.

**References:**

Available upon request.

LinkedIn: [www.linkedin.com/in/yasel-prado-4182061a/](http://www.linkedin.com/in/yasel-prado-4182061a/)

HackerRank: [www.hackerrank.com/yaselp](http://www.hackerrank.com/yaselp)