**Keiny J. Grau-Ortiz**

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**OBJECTIVE**

Obtain a work opportunity position in which I can apply my skills and knowledge in the Computer Science field to ensure the organization’s performance and profitability.

**POSITION**

System analyst, Database Developer, Computer programmer, or related management field.

**EDUCATION**

Polytechnic University(august 2010- may 2013)

San Juan Campus

Master Degree in Software Architecture

University of Puerto Rico(august 1997-may 2001)

Bayamón Campus, Bayamón P.R.

Bachelor’s degree in Computer Science

**SKILLS**

***Programming Languages***

- T-SQL, C#(console, win apps, web apps), MVC 4.0 up, Java, Visual Basic.Net, Visual Basic 6, ASP, JSP, HTML, Vbscript, Javascript, PL/SQL

***Operating System***

*- Windows Server 2008/Windows Server 2003/Windows 7/*Windows XP/2000 server/2000 pro

***Databases***

*-*  SQL Server 2016/2014/2012/2008/2005/2000, DB2, MySQL, Oracle 8i

***Software***

*-* Microsoft SSIS, Microsoft SSAS, Microsoft SSRS, Power BI, Eclipse, IBM Datastage, Visual Studio.Net, WTX, IIS 7.0/6.0/5.0, IBM Rational Build Forge, WebSphere Application developer, Visual Studio 6, Crystal Reports, MS Office(Excel, Access,Word)

***Communications***

*-* Bilingual (Read, Write) English and Spanish

**EXPERIENCE**

**Database Developer\sql developer**

**-Kavaliro(March 2017-august 2017)**

**Massey Services (Client)**

-SQL database developer/Administrator in charge of query optimization, create new queries, establish database structure and maintenance plan. Create SSIS solution to import information from different sources. Extract information using T-Sql queries to be use in the creation of SSRS report. Create SSRS report based on the different department needs. Analyze business rules and create a plan to create a Data Warehouse solutions. Create data warehouse structure and import the information using SSIS, create SSAS cubes to be use in data analysis. Create Power Bi solution with data warehouse information for the user, using rich visualizations. Use Batch Processing process to create files to be use in accounting applications and keep track of the records selected in a history tables, this process was implemented using sql queries and SSIS

**Database Developer\sql developer**

**-Triple S Advantage Healthcare Insurance(june 2015 - march 2017)**

**-**SQL database and DB2 data integration process. Analyze current manual process(Excel

spreadsheets, and Access applications), create a strategy to migrate to an automatic

process, implement the automatic process using SSIS, SQL server and C#.

-Write simple and complex queries in order to extract data from the database and

use that data as an input for other sql process or Reports(SSRS)

-Create Data migration and data extracts projects using different sources(Flat files,

excel spreadseet, data bases) in order to process the information received from various

clients,transform data to comply with differents layout.

-Create SSRS(Reporting services) complex reports using direct sql or store procedures,

these reports include information that needs to be handle using expression.

-Use SSAS to create Cubes for business intelligence project for different departments.

The data warehouse was create from scratch and use SSIS for data manipulation insert and/or update dimension tables and fact tables.

-Create, modify and optimize SQL queries statement. Program Sql stored procedures to

implement different logics in the database in order to create the information to be used

by reports or other applications.

-Create maintenance plan for SQL Server, This maintenance plan consist of

Administration task. Back Up, Restore, Run Statistics, Projection of database grow

across time, Indexes creation.

-Analyze and Migrate applications created in MS Access to C# (Web, Console, and

Windows applications) and SQL Server as data repository..

The projects created in Triple S must conform to CMS (Centers for Medicare &

Medicaid Service) regulations.

**Database Developer\sql developer**

-**Medicare y Mucho Mas Healthcare Insurance(june 2008-june 2015)**

-Create, modify and optimize Sql queries statement created in T-SQL. Program Sql

stored procedures to implement different logics in the database in order to create new

data to be used by reports. Write and use sql functions to be implemented as standard

to be use in future deployments.

-Create and implement and schedule maintenance plan for different databases using

SQL Agent. Establish strategist to improve performance in the database using different

tools like Sql Profiler and Database tuning advisor.

- Retrieve data from multiple sources(Databases, Flat Files, Web Services, Excel

Spreadsheet), make the necessary transformation in order to comply with the design

specification and create the output required(File, Database Table) for data extracts

using Microsoft SSIS. Teach other programmers the basic knowledge required in the use of multiple software for them to edit existing projects and/or create new ones.

-Create Data warehouse for business intelligence project. Analyze and create data

warehouse schemas. Regular meetings with the operational areas were needed in order

to understand the business Process. Create the data warehouse from scratch, design the schemas, dimension tables, fact tables, use SSIS to gather the data from different sources, update or insert the information in the data warehouse and process existing cubes and create new ones using SSAS

-Manage every aspect for the SQL Server administration task: maintenance plan for

databases, analyze the resource consume for the server and recommend strategies in

order to achieve better performance, BackUp, Restores, Create Indexes, Run statistics.

- Analysis and Design of Web Application(C#,Asp.Net, Java Server Faces), Windows

application using Sql Server 2008 and Visual Studio 2012,2010,2008,2005. These

applications were created following industry recommendation for best practices like the

use of Microsoft Enterprise Libraries(Exception). All these application use different

levels of security based on users roles or group roles(depending specifications) based on

the different groups of active directory. For some application the role based security was

completely programmed as part of the specifications.

These projects were created as part of a group or as a stand-alone project following

programming life cycle. The projects created in MMM must conform to CMS (Centers

for Medicare & Medicaid Service) regulations.

*Automatic Deployment*

**-**Implement dynamics builds and deployments using Rational Build Forge as the main engine. This engine must be integrated with different environments use in the developments (Rational Team Concert, Team Foundation, Microsoft SSIS, Reporting Services, Sql Server, etc). In order to have the final results multiple scripts and application using different programming languages must be created.

**Consultant**

- Excellere Consulting Associates (2002-2008)

- Analysis and Design of desktop application and Web application for clients of different industries(distribution, finances, insurance) based on the clients specifications using Visual Basic.Net, ASP.Net, Sql 2000 server, Java, Jsp and DB2.

-Create different proposals based in the analysis of the client’s needs in order to

recommend the best approach taking in consideration the business type, budget, time

and other constraints.

-Create detailed technical documentation for the different projects. Create the user documentation and training for the specific project.

**Programmer**

– Atento de Puerto Rico (2001-2002).

- Design in-house desktop application and web application using Visual basic 6, Visual Basic .Net, Access and Sql Server 2000.

**REFERENCES**

Available upon Request.