SUMMARY

* Very proficient in Microsoft office VBA applications, Excel Add-ins, Access, Word, and Outlook development.
* Power BI desktop, service, and mobile knowledge, as well as Power BI D3 visualizations, DAX and M lang.
* Power Pivot, Power Query, Excel visualization, report automation.
* SQL Server-Access integration, T-SQL, Database development.
* Strong systemic thinking capabilities to integrate dissimilar elements and solve problems.
* Eager to do research and find out the root cause of problems.

# PROFESSIONAL EXPERIENCE

**Care Plus - Humana** Miami, FL

• **Senior Data and Reporting Professional**  03/21 to 02/24

Created multiple Power Apps application to support daily operations, including SharePoint lists, and Power Automate. Automated process to assist providers contracting cycle informing involved parties via MS Access, Outlook, Excel integration. Generated automation to ad hoc reports, regular datasets, and multi-steps information for end-users using system tools and data warehouse queries and scripts..

**FedEx - W2 contract under Aerotek Inc** Miami, FL

• **Financial Accounting & Reporting - Senior Level** 06/19 to 05/20

VBA applications development to integrate Excel and AccessDB via Oracle Smart View to extract operations and accounting data from Essbase to be used in Power BI. Help to develop end to end Power BI reports. Ensure data quality and uncover exceptions. Programmed models to track hierarchies and to forecast shipping rates.

**ADT Security Services - W2 contract under Kforce. (4th Time)** Boca Raton, FL

• **Outlook – Excel Application Improvement** 09/18 to 11/18

VBA applications improvement. Refactored and added functionality to applications --AIP, Merit— to be multiyear, able to create, read, and email Excel files with single command. Applications able to create thousands of PDF statements and email blast them. Served as project manager, application architecture, business analyst and VBA programmer. Improved code maintainability and optimize performance.

**HOTWIRE COMMUNICATIONS – W2 contract under Robert Half Technology – RHT** Fort Lauderdale, FL

• **Salesforce API integrator** **–** **Add-In Excel** 03/18 to 9/18

Programmed Excel Add-in to integrate to Salesforce REST API. Built multiple tools to download data from Salesforce using VBA, JSON, SOQL, HTML, OAuth2, and other software tools. Applications connect to Salesforce, authenticate, run SOQL, and download JSON data to populate Excel files with thousands of records. As per business requirements, the project helps improve data quality by finding duplicate records. Worked on application architecture, created ribbon (menu) commands, and performed JSON data manipulation.

**EXTERACTIONS under 1099.** Miami, FL

**• Business Analyst, Programmer.** 10/16 to 02/18

Responsible for assessing the operations, gathering technical and business requirements, define technical approach and top-level architecture for VBA Applications. Created applications that integrate MS Office Access, Excel, and Word. Helped to control costs and specifications through the projects. Created scope documentations, as well as processes and projects flowcharts

**CROSS COUNTRY HOME SERVICES W2 contract under Kforce.**  Sunrise, FL

• **Operations Financials and Reporting Consultant.**  03/16 – 09/16

Reengineering of operational reports. Project required reviewing operations and actual metrics for service delivery. The project presented contact center metrics, claim job full-process reporting schema, service delivery regression analysis, and plan to rebuild operation with nine-million-dollar target savings plan. Helped to review Oracle Business Intelligence (OBI) and proposed new reports, including main KPIs and management reports.

**ADT Security Services, 3-time contract under Kforce.** Boca Raton, FL

• **Excel Guru - Business Analyst.** 06/15 and 02/16

Built multiple MS Office tools to perform Annual Incentive Plan (AIP), Equity Plan, Merit Incentive Plan, Canada Incentive plan, and Q5 Plan. Integrated Excel and Outlook to generate, send, and read Excel files, as well as create employees’ individual PDFs statements and email blast them. Served as project manager, application architecture, business analyst and VBA programmer. Developed SQL in VBA to query data to create Excel files.

**EXTERACTIONS.** Miami, FL

**• Business Analyst, Programmer.** 09/07 to 05/15

Worked with business owners, project managers and final users to develop applications to improve processes. Modeled business processes to define architecture/relational-database requirements. Created applications that integrate MS Office Access, Excel, and Word. Helped to control costs and specifications through the projects. Created scope documentations, as well as processes and projects flowcharts. Execute programming to various modules when required, using VB.NET, ASP.NET, VBA, HTML

**INTERVAL INTERNATIONAL.** Miami, FL.

• **Senior Operations Research Analyst.** 11/99 – 05/07

Supported and trained others in Excel automation and database programming. Created databases to help perform annual budgeting. Conducted reports for operations analysis using computer systems and software applications. Designed solutions and software tools to improve OR departmental productivity, particularly created database that house OR reports by analyst. Produced and managed different reports.

• **Operations Research Analyst.**

Designed and developed integrated systems that summarize data by office, by month, and by term; keeping transaction details to help monitoring transaction exceptions. Assisted IT department, Business Intelligence Team, in designing reports. Gathered information by product and office to support preparation of revenue budget.

• **Associate Operations Research Analyst.**

Created daily, weekly and monthly international operations production reports based on IBM AS-400 database. Automated many steps to improve efficiency and correctness.

**FLORIDA INTERNATIONAL UNIVERSITY.** Miami FL.

• **Graduate Research Assistant.** 01/99 - 08/99.

Department of Industrial and Systems Engineering. Developed Activity-Based-Cost estimation software to calculate costs for Printed-Circuit-Board manufacturability process. This work was completed and delivered to Printed Circuit Board Manufacturing Research Center, US Army.

EDUCATION

**FLORIDA INTERNATIONAL UNIVERSITY.** Miami, FL.

Degree: **MS Industrial and Systems Engineering**: Information Systems Track. Grad. 04/05.

**UNIVERSIDAD PONTIFICIA BOLIVARIANA.** Medellín, Colombia

Degree: **MS** **Technology Management** (Maestría en Gestión de Tecnología) Grad. 12/91.

Degree: **BS Mechanical Engineering.** Grad. 12/87.

PROFESSIONAL SKILLS

**Certification:** - Power Platform Fundamentals – MCID 15469167

- MCSA: SQL 2016 Database Development - MCID 15469167

- PMI Certified, Project Management Professional Certification # 501708

- Sun Certified, Java Programmer Platform2 - 1.4 (SCJP). SUN Cert# 232724

**Computer Skills:** - Microsoft Office™ Access, Outlook & Excel programming.

- VBA Programming proficiency. - Microsoft Office application integration/automation

- Visual Basic.NET programming. - C#.NET programming

- ASP.NET, HTML knowledge. - Object Oriented modeling proficiency, basic UML.

- Visual Studio, Eclipse IDEs Knowledge. - Java programming

**Language:** Spanish / English.

**Interests:** Systems, Operations Improvement, Automation.

**PUBLICATIONS**

- *A Design-Centric Activity-Based-Cost Estimation Model for PCB Fabrication.* CONCURRENT ENGINEERING: Research and Applications. Vol 11, Nbr 2, June 2003. [Sage Publications](https://journals.sagepub.com/doi/abs/10.1177/1063293X03035372). Coauthor of Giachetti, R.E.

- Patent Application, *Turnover Machine and Method*. Publication #US 2003/0066432 A1, April 4/2003

- *Information and Living Things.* *(*[*link*](http://journals.isss.org/index.php/proceedings54th/article/view/1391)*)* ISSS - International Systems Science Society. Canada, July 22/2010.

- *La Materia, La Información y La Vida.* Book published at CreateSpace, Amazon.com, January 26/2011.

*- Information Ability Process And Information System As Reality Modeling Tools.(*[*link*](http://journals.isss.org/index.php/proceedings56th/article/viewFile/1832/631)*)* ISSS - International Systems Science Society. San Jose, CA, USA. July 15/2012.