Ivan Rodríguez Ortiz

Data Solution Architect

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EXPERIENCE

BriteCore (remote) — Data Solution Architect

MAY 2017 - PRESENT

We are a fully remote team of around 16 engineers, Scrum Master and Product Owners in charge of tasks like these:

- Support and extend our Data Warehouse and ETL process
- Maintain and develop reports with Python, SQL and Pandas (compliance, finance, operations, claims, underwriting, risk modeling, bordereaux, etc)
- Develop new integrations to consume our data with external BI and analytics tools (Apache Superset, Power BI, Domo, AWS Athena)
- Design and develop the Data suite/product (Data Warehouse, Analytics, Report Builder, Data Audit among others) using the AWS stack

BriteCore (remote) — *Software Engineer II*

APRIL 2016 - APRIL 2017

BriteCore is an enterprise-level insurance processing suite. Built from the ground up using the latest in modern technology, BriteCore combines core, data, and digital solutions into a single platform. We provide out of the box integration with multiple vendors (Quickbooks, MassPrinting, InsVista, Primoris, Mutual Boiler, HSB, and many more). Deployed using the Amazon Web Services cloud, our stack includes:

- Python
- SQLA and Pandas
- Git and GitHub
- Docker
- Continuous Integration with unit, integration and selenium tests
- AWS: S3, RDS, CodeBuild, Lambda
- DataDog

Enable, Mexico — *Business Intelligence Consultant*

2012 - 2016

ENABLE is an SAP gold partner Mexican consulting firm that implements solutions for diverse industries. I worked as part of the Process & Performance team implementing Enterprise Performance Management

TECHNICAL SKILLS

- Python and Pandas
- Data Modelling and Data Pipelines
- Data Engineering
- OLAP reporting
- ETL and Data Warehousing
- AWS (Batch, CodeBuild, S3, Lambda)

AWARDS

Special mention Financial Markets Award (Premio Mercados Financieros)

Developed a Proof of Concept of a financial backtesting platform to simulate stock trading portfolios using historical data for companies listed in the Mexican Stock Exchange. I used Python, the algorithmic trading library Zipline and Pandas for the backend.

Emerging Leaders in the Americas Program (ELAP) scholarship

Grant from Canadian government to study an exchange semester at the UQAM in Montréal

LANGUAGES

(EPM) and Business Intelligence (BI) solutions for different customers including stock listed companies mainly to support:

- Balanced Scorecard
- Key Performance Indicators (KPIs) and Dashboards
- Financial Planning (Driver based planning, rolling forecasts, 5 year budgets)
- Financial Consolidation
- Compliance reporting (Solvency II and USGAAP)

I acquired good knowledge of Financial Planning and Consolidation as well as Data Integration among operational and analytical platforms. Some of the tools and technologies I worked with include:

- SAP Business Planning and Consolidation (7.5, 10, 10.1 MS and NW)
- Microsoft Integration Services and SAP Data Services for ETL
- SAP Business Warehouse (BW)
- SAP Dashboards (formerly Xcelsius)
- SAP Disclosure Management
- OLAP, MDX and data modeling for Data Warehousing

- Spanish (Native)
- English (Advanced)
- French (Intermediate)
- German (Intermediate)
- Portuguese (Beginner)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Big Data Specialty

EDUCATION

Instituto Tecnológico Autónomo de México, Mexico — *BSc. Business Engineering*

2006 - 2011

Universidad Autónoma Metropolitana, Mexico — *BSc. Computer Engineering*

2008 - 2012