**Fernando Monteiro**

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**BUSINESS INTELLIGENCE SPECIALIST**

Business Intelligence Specialist with over 15 years’ experience in implementing architecture, tools and best practices to enhance decision-making and drive competitive growth. Strong skills in Data Warehouse Modeling, SQL and ETL tools, BI reporting tools and experienced in all phases of Business Intelligence Solutions, from pre-sales through development. Loves facing challenges and learning new skills. Currently taking a Data Science Certification at Rutgers University, covering an extensive curriculum of Excel, VBA, Python, SQL, HTML/CSS, JavaScript, Hadoop, Machine Learning, and Tableau. Able to deliver complete Data Analytics solutions to help companies making better decisions, identifying new opportunities and powering up productivity.

**TECHNICAL SKILLS**

* Data Warehouse / Data Modeling
* Business Intelligence Architecture
* IBM Cognos Tools – Framework Manager, Transformer, Report Studio, Metrics Studio, Cognos Analytics
* ETL Tools: SSIS, Datastage
* T-SQL, PL/SQL
* Python (Pandas, Numpy, Matplotib, SQLAlchemy), APIs
* VBA, Excel
* Machine Learning (Scikit-Learn, Tensorflow)

**PROFESSIONAL EXPERIENCE**

Serasa Experian, São Paulo, Brazil Apr/2013-Apr/2016

**Business Intelligence Specialist**

* Conducted business meetings with customers to determine project requirements and milestones.
* Assisted Project Managers in developing project plan including budgets and timelines.
* Designed Business Intelligence Solutions to achieve customer goals.
* Created project documentation, including Data Mapping, Data Cleansing, Business Rules and validation plans.
* Worked with legacy applications team to map data sources and to model the Data Warehouse using Kimball methodology.
* Developed ETL processes using IBM Datastage and SQL in DB2.
* Designed metadata using IBM Cognos Framework Manager.
* Built rich dashboards and reports using IBM Cognos Report Studio.
* Validated data and deliverables with customers.
* Trained staff and customers in using IBM Cognos tools.

Netpartners Consulting, São Paulo, Brazil Apr/2011-Mar/2013

**Business Intelligence Consultant**

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* Assisted Project Managers in developing project plan including budgets and timelines.
* Designed Business Intelligence Solutions to achieve customer goals.
* Created project documentation, including Data Mapping, Data Cleansing, Business Rules and validation plans.
* Worked with legacy applications team to map data sources and to model the Data Warehouse using Kimball methodology.
* Developed ETL processes using SSIS, T-SQL and Oracle PL/SQL.
* Designed metadata using IBM Cognos Framework Manager using modeling best practices.
* Created complex OLAP cubes using IBM Cognos Transformer.
* Built rich dashboards and reports using IBM Cognos Report Studio accessing Relational Databases and OLAP sources with MDX.
* Created KPI dashboards using IBM Cognos Metrics Studio.
* Validated data and deliverables with customers.
* Trained staff in using IBM Cognos tools and Datawarehouse modeling.
* Helped in BI Solutions pre-sales activities.

CTI Systems Consulting, São Paulo, Brazil Mar/2007-Oct/2009

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* Trained staff in using IBM Cognos tools and Datawarehouse modeling.
* Helped in BI Solutions pre-sales activities.

Cognos, São Paulo, Brazil May/2005-Feb/2007

**Business Intelligence Consultant**

* Performed analysis, modeling and design solution for Business Intelligence projects which were completed using Data Warehouse and Cognos tools.
* Provided project leadership and team management to Cognos partners in the area of Business Intelligence development project best practices.
* Presented proof of concept business presentations as part of Latin American pre-sale function to perspective customers.

Netpartners Consulting, São Paulo, Brazil Aug/2000-Apr/2005

**Business Intelligence Consultant**

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* Designed Business Intelligence Solutions to achieve customer goals.
* Created project documentation, including Data Mapping, Data Cleansing, Business Rules and validation plans.
* Worked with legacy applications team to map data sources and to model the Data Warehouse using Kimball methodology.
* Developed ETL processes using BO Data Integrator, Cognos Data Manager, T-SQL and Oracle PL/SQL.
* Designed metadata using Cognos Framework Manager and Cognos Impromptu using modeling best practices.
* Created complex OLAP cubes using Cognos Transformer.
* Built rich dashboards and reports using Cognos Report Studio and Cognos Impromptu accessing Relational Databases.
* Validated data and deliverables with customers.

**EDUCATION**

**Certification in Data Science and Visualization**

Rutgers University – Somerset – NJ

An intensive, six-month data science bootcamp based out of Rutgers University. Program involves 250+ hours of class work and 500 hours of software development work -- covering an extensive curriculum of Python Data Analytics (Pandas, NumPy, MatPlotlib, Flask), SQL, HTML/CSS, JavaScript (D3, Leaflet), Hadoop, Machine Learning, and Tableau.

**Bachelor of Science, Electrical Engineering (specializing in Industrial Informatics),** Universidade Estadual Paulista – Bauru – Sao Paulo, Brazil, 2000

**CERTIFICATIONS**

**Python for Data Science and Machine Learning Bootcamp**

Udemy – March/2000

**The Data Science Course 2019: Complete Data Science Bootcamp**

Udemy – March/2000

**Python Mega Course: Build 10 Real World Applications**

Udemy – February/2000

**Python for Finance: Investment Fundamentals and Data Analytics**

Udemy – February/2000

**Python for Financial Analysis and Algorithmic Trading**

Udemy – February/2000

**Excel VBA and Excel Macros**

Udemy – January/2000

**LANGUAGES**

* Portuguese – native
* Spanish - Full professional proficiency
* English - Full professional proficiency