**Newton Barreto**

**Communications Project Manager/ Data center Manager**

**Summary**

* IT Executive with a 30 year global leadership experience, delivering large technical projects in Japan, Brazil, Tanzania, Germany and in the United States.
* Managed the migration of the workloads from the colocation datacenter in Virginia, US to AWS cloud environment.
* Designed and implemented data centers in Ashburn, Virginia; Dar es Salaam, Tanzania; and Frankfurt, Germany supporting global banking systems.
* Designed and implemented international and local telecommunications networks in Asia and in the Americas.
* Implemented an automatic foreign currency transaction system in Asia, coordinating installation and technical support for Tokyo, Hong Kong, Singapore, Seoul and Sydney.
* Implemented a network between Tokyo, London and New York using automatic switching configuration.
* Managed technical teams with members of different backgrounds in Japan, Brazil, India and in the United States.
* Negotiated with equipment suppliers and telco carriers the acquisition of new systems and expansion of the existing communications capacity, with a consequent increase in the number of supported financial clients.

**Certification**

* PMP Certified

**Technical Skills**

* Virtualization (VMWare, Hyper V)
* Storage (NetApp, Pure, Cisco UCS server)
* Networking (CheckPoint, Barracuda, Nexus 5K, CISCO 3945)
* Private and public cloud (AWS)
* Proficiency with MS Office Suite, MS Project, Visio

**Experience**

**Visiting Professor,** *DeVry University – New York NY* **Apr 2020**

* Project management program.

**Director of Operations,** *Earl – Empowering At Risk Learners, Montville NJ* **Jul 2019 - Present**

EARL is a non-profit educational institution which provides enrichment math program at libraries, working with students from 1st to 5th grades.

* Program development based on students needs
* Negotiation with libraries for program implementation and expansion
* Research and application for new donations
* Reporting on program status
* Recruiting and training of new instructors
* Student recruitment, placement and tutoring.

**Project Manager-Data Center,** *FINCA International - Washington DC* **Jan 2012 - Jul 2019**

FINCA International is a non-profit financial institution which provides microloans to low-income entrepreneurs around the globe.

* Managed the migration of the workloads (Data Warehouse, Global Banking System, Money Laundry System, Marketing Client Research System) from the colocation datacenter in Virginia, US to AWS cloud environment.
* Responsible for the management of AWS accounts.
* Responsible for AWS chargeback reports so the projects are charged to the respective cost centers.
* Responsible for AWS accounts cost optimization and recommendations based on usage.
* Responsible for the implementation of any new systems in AWS.
* Member of a team responsible for the implementation of the technology projects to support the business transformation of the company, managing the implementation of the regional data centers in US, Germany and Tanzania.
* Analysis and evaluation of cloud providers and data center colocation providers. Selection of site for hosting the regional data centers to support the business in Latin America, Africa and Europe.
* Design and implementation of data centers in Ashburn, Virginia, Dar es Salaam, Tanzania, and Frankfurt, Germany.
* Selection and management of equipment and telecommunications suppliers.
* Implementation of procurement and chargeback processes.
* Implementation of processes for infrastructure requirements by the subsidiaries.
* Built project and operating plans, including financial projections for all projects and resulting systems, including capitalization and expense estimations to manage business expectations.
* Implementation of monitoring systems and capacity reporting for the data centers.
* Responsible for client SLA, Technical Documentation, Change management.
* Responsible for any new projects related to the data centers including capacity expansion and audit.
* Responsible for the relationship with the 23 international subsidiaries using the data centers.
* Responsible for the budget and financial planning for data centers.
* Responsible for the reporting for the data centers.
* Managed all moves for Physical/VMs, Switches, Routers, and Blades.
* Manage all scale Data Center Infrastructures projects: data, Internet, telecommunications, storage, Disaster Recovery, servers, Data Warehouse , AD, security, Network (LAN/WAN connectivity), VPN, remote access, firewalls, switches, routers, Cabling, Rack & Stack and DC space management.
* Managed network infrastructure components that enable the connectivity, communications, and operations of an enterprise network, including end points, routers, switches, copper/fiber optic cabling, firewalls, ports, IP addresses, network security applications.
* Management of the engineering team responsible for the implementation and operation of the network and datacenters (FINCA and Hexaware).

**Project Manager / Capacity Planning Analyst,** *BT Radianz* **Jun 2005 - Dec 2011**

*(PKA Radianz Inc.) - Edison, NJ, USA*

* Responsible for analysis of existing data feed network for trading systems, and to make recommendations for network expansion.
* Interact with the carriers and with cross functional teams for the implementation of new Sonet rings in the various datacenters across the country, using Cisco and Nortel equipment.
* Project management for the provisioning and implementation of data feed communications systems to new client trading rooms using Cisco routers 7204 and Cisco switches 2950.
* Make recommendations on client site configuration and service delivery.
* Management of the project management team responsible for the design and provisioning of the communications network.

**Project Manager / Capacity Planning Analyst,** *Radianz Inc.*  **May 2002 - Jun 2005**

*(Reuters & Equant venture) Nutley, NJ, USA*

* Responsible for analysis of existing data feed network for trading systems, and to make recommendations for network expansion.
* Interact with the carriers and with cross functional teams for the implementation of new Sonet rings in the various datacenters across the country, using Cisco and Nortel equipment.
* Project management for the provisioning and implementation of data feed communications systems to new client trading rooms using Cisco routers 7204 and Cisco switches 2950.
* Make recommendations on client site configuration and service delivery.
* Management of the project management team responsible for the design and provisioning of the communications network.

**Communications Project Manager,** *Reuters America – New York, NY* **Jan 1998 - May 2002**

* Management of the project management team responsible for the migration of 1800 financial clients to the MCI digital network. The responsibilities include defining the clients to be migrated, developing the processes and procedures with MCI for circuit ordering and delivery, equipment forecast, circuit distribution design, scheduling of circuit installation, coordination of field group and data center for service migration. This project was the upgrade of the existing Reuters data feed network to the financial client's trading rooms.
* Member of the executive group responsible for the implementation and expansion of the SONET rings in all Reuters datacenters.
* Responsible for circuit provisioning with telco carriers for installation of new client services.
* Implementation of process and procedures to decrease the time required for client installation.
* Designed and implemented a database for circuit ordering and tracking.

**Communications Project Manager/ Data center Manager, May 1993 - Dec 1997**

*Reuters Serviços Econômicos Ltda. - Sao Paulo, Brazil*

* Managed the engineering team responsible for the operation and maintenance of all the computer systems providing data feed to the financial market installed in the Data Center, in addition to the international, long distance and local communications networks.
* Developed and implemented a communications strategy using E1 circuits and a Frame Relay network to supply financial and forex data to client's trading rooms. Managed all the phases of each project, including concept of system configuration, resources allocation, negotiation with suppliers, personnel training and system start-up.

**Systems Engineering Supervisor/ Project Manager, Oct 1988 - May 1993**

*Reuters Japan KK - Tokyo, Japan*

* Managed the engineering team responsible for the Foreign Exchange Dealing systems installation and maintenance and technical support for all of Asia - Tokyo, Hong Kong, Singapore, Seoul and Sydney. In addition to technical responsibilities, represented Asia in the network's worldwide implementation executive group, coordinating activities with professionals from marketing, sales and development areas, and was responsible for the training of all the people involved in the project.
* Member of the team responsible for the move of the datacenter to the new site (Kiba datacenter), which became the main technical center in Asia.

**Systems Engineer,** *Mitsubishi Electric Corporation* **May 1985 - Oct 1988**

*Kamakura, Japan*

**Education**

* Master’s Degree in Engineering (Applied Electronics), 1985

University of Electro-communications (Denki Tsushin Daigaku), Tokyo, Japan

* Electronic and Telecommunications Engineer, 1980

Instituto Politécnico da PUC-MG, Belo Horizonte, Brazil

**Others**

* Fluent Portuguese, Conversational Japanese and Spanish