Pedro Alexander Diaz Quiroga

+(57) 316 8286301
https://pdiazq.me/
pdiazqccie@gmail.com
https://www.linkedin.com/in/pedro-alexander-diaz-quiroga-64761121/

Objetive

Contribute to the technological development of telecommunications by adding value through the application of experience, science and research of diverse technologies such as linux, python, javascript, ip protocols, analytics, devops, and soft skills such as PNL, assertive communications, oriented to the result of the business.

Professional profile

- Develop telecommunications projects at different phases such as planning, design, execution, sales, in multinationals such as Level 3 Colombia, Desca Colombia, Cisco Systems Colombia, adding value to those projects applying different perspectives such as, technical, interpersonal, financial, administrative, etc.
- Ready to overcome any challenge or hard situation, keeping a proactive, responsible and optimist attitude.
- Enthusiastic student, investigator and self-developer in broad aspects such as interpersonal relationships, technical, financial, etc.
- Great abilities for verbally and written communications. Abilities for teaching, as well as inter personals relationships
- Sensitivity to delve into the customer's business needs finding creative solutions, while maintaining high technical levels.

Experience

Independent consultant. October/2015- until now

Senior Consultant Engineer

Achievements:

- Master's degree in information engineering in which I gained sustained experience programming with python, linux, javascript.

    o Application of visual analytics reports to clients to generate insights using python and linux scripts for obtaining, parsing, decompressing information in different formats. (this page let's customer to play with the information). Javascript, (d3 library), is used to present the information to customer

        ▪ **https://pdiazq.github.io/VulnerabilidadSCJ/**

    o Maturity of the methodology taken from the thesis in which, in addition to the processes of obtaining and parsing information, the process of standardization and transformation was carried out through python and linux scripts

- Consolidate the experience gained during more than twenty two years in multinational companies and organize a portfolio of services with significant differentials for the IT market, geared to business needs.

    o Security secretary of Bogotá. Network management consultant (2 years): Designing, supporting, advising the best practices to evolve, protect and manage the network for more than 600 internal clients and external customers. Dynamic reporting using javascript tools for better administration and insights.
    o Cisco Systems Inc. Claro migrations to ASR 9K project: 45 different node migrations in the edge/core, ensuring seamlessly integration high quality and time efficiency.
    o Python Analytics enthusiast using javascript for data visualization for personal projects. Universidad de los Andes Bogotá
    o Telefónica Colombia ASR9K Router Internet migration: Documentation, support, desing, implementation, training.

Cisco Systems Colombia. March/11- August/15

Senior Systems Engineer Presales: Pre-sales support for service provider customers in Colombia and Latin America, supporting the network lifecycle in areas

such as core, aggregation, network access and Datacenter, providing internal support for Cisco and customers, (mainly Claro Colombia), and providing solutions to the needs of customer's business.

The platforms mainly handled were: Cisco Nexus aggregation and data center, core equipment CRS and ASR 9000, Cisco aggregation equipment 7600, 4500, 6500, UCS equipment, management tools. The technologies managed were mostly: IP / MPLS, IPV6, L2 and L3 technologies, Multicast, Traffic Engineering, high availability Architectures, management architectures.

Achievements:

- Consolidation and leadership of a team of more than 30 people to attend the largest customer of the company in Colombia (Service provider Claro Colombia), planning and executing sales strategies, supporting the customer´s business needs.

- Provide proactive support in the area of "Network management", in order to enhance an area that hadn´t the needed coverage.

- Provide proactive collaboration, developing opportunities in different clients, looking for the general wellness of the company through internal staff support.

- Change an "adverse" situation, in which the customer made a purchase of aggregation equipment from another brand for cost reasons. However it was possible to reverse this situation, working closely with the customer, adding the best possible value in the solution, looking at the network holistically end to end, meeting the needs of business

Desca Colombia S.A. November/2007- December 2010

Presales Advisor and Delivery Engineer: Presales support for business developing, supporting the appropriate design to the customers' business needs. Support was made to service providers mainly; however, there was a percentage (about 40%), for companies from different sectors of the economy. Main platforms managed in my work in Desca were: Cisco 7600, 6500, Nexus, catching equipment, management tools. QoS technology, traffic engineering, routing, security, wireless.

Achievements:

- Installation and configuration of a new IP MPLS network of BTC Bahamas, consisting of Cisco equipment 7600, 12000-XR, in less than 70% of the estimated time and overcoming problems in transmission technologies and logistics, among others.

- Change the state of projects with difficulties and challenges, helping them become outstanding projects for Desca, overcoming adversities and closing projects with total satisfaction and success.
- Building trusted relationships with customers such as the Armed Forces of Colombia, Movistar Venezuela, Chancellery of Colombia, BTC Bahamas, Claro, among others, understanding their needs and providing the desired benefit. These customers highlighted the labor done by me, directly to my manager.

Global Crossing Colombia S.A. Diciembre/96- Noviembre 2007

IP Specialist Engineer
  Achievements:

- Designing, planning, implementing and stabilizing DSL and MetroEthernet access networks from scratch. These networks were the main access to the most important customers of the company. These technologies were new and therefore this work involved extra effort of self-study and research, as well as a relationship with so many areas of the company, suppliers and customers.
- Execution of special project (network access LMDS) in Medellin. Like the previous project, this was a new commitment of the company to bring a new network to customers who could not previously be connected. This project was implemented successfully, working very close with Hughes USA (supplier).
- Leading new ideas for the standardization of IP / MPLS services, through interaction with the technical areas of the company, using design clinics to take information directly from the engineers responsible for end customers. The result of this process was the generation of templates and standards for new implementations that were very successful.

Service Delivery Engineer:

  Achievements:
- Achieve the merit of the highest number of cases executed monthly, achieving excellent levels of quality and satisfaction
- Leading proactively internal and partner's teams, giving advices, teaching and taking the problems that hadn´t been able to solve, indicating to the junior engineers how to proceed against such problems.

Customer Support Engineer:

  Achievements:

  Leading the sales, design, planning, implementation, monitoring and flawless network migration of customer Alpina, before the end of the contract with its previous provider, overcoming great challenges such as various types of PBXs and signaling, difficult topographies (to set up the radio networks), challenges of access and maintenance windows, causing zero impact on production plants.

The customer and Global Crossing, especially congratulate me for this project, because was one of the largest customers of the company (US $ 60000 per month /year 2000) and the customer was very happy for perfect execution

- Proactively propose and implement creative solutions to overcome historic problems, such as the use of new technologies to overcome obstacles in customers of oil sector. Changing standard radio access to fiber optic, multiplexers Newbridge to ACT (more known by the personnel on site), to reduce the time spent on those very remote sites

NOC Support Engineer:

Achievements:

- Proactively solving problems of different areas out of mine, (such as electrical engineers), always considering the improvement of the company.

- Extra Self-Study to achieve an outstanding level within the company, going beyond basic responsibilities.

Education:
Electrical Engineering: La Salle University, Bogota Colombia, 1997. Thesis Degree: Antennas and energy propagation.
Master tele informatics: Universidad Distrital Francisco Jose de Caldas, Bogotá Colombia 2001. Thesis: TCP staggered start
Master of Information Engineering. Los Andes University. (Thesis: Analytic tools for content and shape analysis in 3D brain images): Big data, Analytics, Management, And visual Analytics. Thesis: Analytic tools for content and shape analysis in 3D brain images

Certified courses and seminars

Blockchain for business professionals: Berlekey extension, 2019
Certified Neuro-Linguistic Programming, emotional intelligence and Coaching, Sergio Arboleda University, Bogotá 2015
BSMSN: IT College. Buenos Aires Argentina, 2006
Implementing MPLS It College. Buenos Aires Argentina, 2005
Implementing QoS, CTT Bogotá Colombia, 2005
Implementing BGP, CTT Bogotá Colombia, 2005
Extreme switches: Extreme networks, Bogota Colombia 2004
Train the Trainer: Dale Carnegie Bogota Colombia 2003
Seminary Neuro linguistic Programming: Universidad Industrial de Santander, Bogotá 2003
Optical fiber fundamentals: Universidad Distrital Bogotá Colombia 1998

Certifications

CCIE 18354, Cisco Certified Internetwork Expert R&S: 2007
CCIE SP: Written exam
CCIP, Cisco Certified Internetwork Professional, 2006
CCNA, Cisco Certified Network Associate, 2002

Lenguajes

English: reading 99%, listening 95%, speaking 95%.
Portuguese: reading 85%, listening 70%, speaking 70%.