
PERSONAL DETAILS:

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Performing applying the knowledge and experience acquired during my academic and professional training, contributing proposals, projects and improvement plans in the organization for which I work and specializing in data networks and automatization programming. I like to be proactive, self-taught, learn about new hardware, software, IOT technologies.

Achievements:

Smart Internet Project - Standardize the traffic to the internet between the data centers of Kio networks by renewing cisco internet edge devices

Medusa Project - interconnection of the data centers through a routing wan layer independent of the core layer

Cisco ID: CCNP(renewed 2017) - CSCO12260995

EDUCATION:

Master's Degree Universidad Iberoamericana
2017- up to date **IT Government with Specialty in Information Security**

Engineering: Unidad Interdisciplinaria en Ingenierías
1997-2002 Y Tecnologías Avanzadas (IPN) 1997 – 2002
TELEMATIC ENGINEER (TELECOMMUNICATIONS AND INFORMATICS)

EXPERIENCE AND SKILLS

CISCO

Scoping and Proposal Advisor
July 2018 up to date

PRESALES

- Revision of the infrastructure of the customer, from low level to high level, BOM, etc. and according to the needs elaborate the level of effort in hours and resources for the design, implementation and migration stage of services.

KIO NETWORKS

Senior Arquitect and Network Admin. – N3
September de 2013 to July 2018

OPERATION AND ADMINISTRATION

- Core administration for the different data centers, local and remote Router and Switches.
- Migration of backup network services and monitoring for separation of core layers
- Support in supervising and validating the installation of cables for the delivery of services in the data center
- Configuration of Internet services, L2L in the Core for delivery of Services

Network Admin

March 2011 to September 2013

OPERATION

- Reorganization and debugging of the campus network for internal services
- Support and follow-up in troubleshooting with Carrier and Customers

NETWORK MAINTENANCE

- Coordinate the scheduling and annual execution of Maintenance of the inventory of Assets
- Development and updating of maintenance procedures adapted to kio networks for execution of maintenance and equipment update, maintenance instructions, equipment Hardening and Evaluation
- Requests and revision of quotation for renewal proposals of Support and Maintenance with the different Cisco providers

PROGRAMMING

- Elaboration of Google scripts for the management of weekly reports.
- Elaboration of scripts for organization of inventory of assets, and services of clients
- Programming routines in Python for reading serial numbers and Hostname.
- Integration of Portal Ansible + Python and Django for device consulting and Tshooting

MAXCOM TELECOMUNICACIONES

Senior Engineer

September 2010 a March 2011

NOC Engineer

February 2007 at September 2010

- Monitoring of Maxcom network at national level,
- Management of Managers of different technologies (Alcatel, Nec, Huawei)
- Configuration, Administration and monitoring of Internet services Dedicated in Cisco and Juniper equipment, (Routers y Switch)
- Switch configuration for Ethernet service delivery
- Monitoring of radio equipment from various manufacturers (Alcatel, Nec, Ericsson)
- Coordination of contractors and internal operation and maintenance personnel for the attention of fault reports on site.
- Provisioning and attention of failures in ADSL and ADSL Services 2+
- Script programming in Perl for automation of tasks and configurations of Alcatel equipment
- Administration of Backup and debugging of File system on Solaris and HP-ux servers,

EDS

Network Admin

September 2004 a February de 2007

- Support of 2nd level and attention of requirements for the IMSS and GNP client (configuration of Cisco Routers and Switches), Routing Protocols (OSPF, EIGRP) and voice services (Gatekeeper, dial peers)
- Administration of switches and routers with the support of tools such as Cisco Works, Open View.
- Installation, configuration and administration of NNM (HP OpenView)
- Design, Programming and Implementation of a centralized directory with web access for quick consultation of contact telephones and scaling matrices (Java, jsp)
- Preparation of monthly reports on network performance and recommendations for the IMSS and GNP client.

Senior Technician

March 2003 to September 2004

- 1st level support such as monitoring, monitoring and closing of voice and data failures with different providers giving first level support in different accounts with the support of HP Open View and Remedy. Also, the elaboration of daily and monthly reports for said faults (Lan and Wan).
- Cisco Router and Switch Management
- Handling Cisco Secure, Cisco Works, and Network Node Manager

LANGUAJE

English: 80% Spoke, and Written

OTHER INFORMATION

Sistemas Operativos

Windows

Linux RedHat, Fedora, Ubuntu

Unix (Basic)

Office (Excel, Word, Access, PowerPoint)

Programming languages.

Python for Network (Medium)

Ansible

Django

Systems Manipulators of Databases

MySQL Basic

SQL Languaje