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WORK EXPERIENCE

Telefónica Movistar

2019 -
Current

Switch Engineer

As a Switch Engineer I have worked as Coordinator of the Data Center "La Presa" for 2 years 10 months managing a team of 4 people dedicated to the Data Center, continuously monitoring the Projects of new Installations, efficiencies in the Data Center and Maintenance to Infrastructure.

Supervise the Annual Preventive and Corrective Maintenance of Power Systems (Huawei, Emerson, ZTE, Ericsson, Vortex, Vertiv, Schneider), Air Conditioning (Liebert, Huawei, Trane, Airdata, York), Transmission (FO, MW, Huawei E1, Ericsson, ZTE), Data (Cisco, Juniper, Huawei), Circuit Switching) is executed at 100% to minimize issues at the infrastructure of the Data Center with Work Orders.

Rack efficiency projects, a total Shutdown, Disassembly and Sending to Destruction (Special Handling Waste Manifests with Gretel Platform) of 160 complete racks and more than 300 servers in racks with mixed equipment. Achieved savings of about 15% of annual electricity consumption in 2020. For Air Conditioning, 2 Precision Air Conditioners, 3 Ice Water and 1 Chiller cooling system were turned off. Aligned to the objective of the Company on Data Centers of R9.

Interaction with Engineering and Support areas of TX, Core, Data, RF, Planning, SVAs, Messaging, Local and Mobile Clients Area, Legal, Electronic Security, Civil Security. External suppliers for Audits every 2 months.

Supervise infrastructure installations in accordance with the internal regulations of Telefonica to guarantee the correct operation and installation. Anchoring of cabinets on false floors or anti-seismic on firm floors, rack organizers, aerial and false floor ladders, AC, DC and ground electrical wiring, such as its maximum intensity of cables, installation, color code, fuse panel, distributors, UTP, FO, Coaxial cables. Ventilation of hot and cold racks and aisles in rooms, survival tests, ATP according to standard.

Operation and configuration of Radio base equipment at the RNCs (Ericsson, Huawei), BSCs (Ericsson, Huawei) and local level of equipment such as BBUs, Controller Cards, 3G and LTE Picocells (Huawei BBUs, Ericsson Card), configuration managers by OSS, Citrix, U2000. As well as data tests in 2G, 3G, LTE, VoLTE technology, and navigation pools. Monitoring of KPIs through managers such as USON, Grafana, Abak de RNCs, BSC, MME, RBS 2G, 3G, LTE.

CYS Telefónica Movistar

2017 -
2019

RF & Tx Engineer

Attention to incidents for Fixed and Mobile customers, according to the contracted SLA. Line of Sight reviews, configuration in Huawei U2000 managers, SIAE dedicated manager, ZTE manager and free band, Ubiquiti & Cambium. MW management from scratch, FO connections and paths, FO loops, E1s.

Acceptance tests for new customers, Surveys to see the best option for line of sight, rack space, poles, tower space, energy, AA, ground, cables, labeling. Maintenance and operation of RF, MW, FO equipment. Migrations of TX, MW, FO services, in CISCO, Huawei, Ceragon, ALCATEL, Ubiquiti, ZTE, Cambium, SIAE equipment.

2015 - Banamex

2017 Electronic Banking Support

Attention to clients of Banamex Electronic Banking (Spanish & English), following up on the case through tickets, configuration of Chrome, Firefox, Safari browsers for correct visualization of the visual elements of electronic banking. Giving advice on call, online and chat about navigation in the browser or application to customers, as well as advice on balances, movements, credit cards, debit cards, insurance, SMEs, savings accounts, investments account, etc.



ACHIEVEMENTS

- Participated in the Building Energy Challenge 2020 an ONU Initiative "Sustainable Energy for All" achieving a 15% reduction in electricity consumption at Data Center "La Presa"
- Participated in the Dalia Implementation Project on Fiber Optic installation, IP equipment, etc. in Region 9.
- Participated in the MW Management Program implementing in Region 9, providing support and analysis of routes to reach the IPRAN terminal.
- Provided training to the FLM on management of MW Licensed and non-Licensed Band.



EDUCATION

ESCUELA SUPERIOR DE INGENIERÍA MECÁNICA Y ELÉCTRICA ESIME CULHUACAN

Ingeniero en Comunicaciones y Electrónica

Completed studies, Professional license



ADDITIONAL EDUCATION

- ✓ English 80%
- ✓ Microcomputers and Digital Graphic Design (Presentations in Microsoft Power Point, databases in Excel, Ms Office Suite, Photoshop).



Programs & Libraries

**Python, C++, Linux, Office,
Secure Server, Huawei U2000,
SSH, Telnet Client, QGIS.**