|  |
| --- |
| 18 Schuyler Ave, Kearny, NJ 07032 •(201)772-7617•mario.marquez712@gmail.com |
| **Mario Marquez** |
| **Objective** |
| To secure a position as a Data Center Specialist (Cisco systems certified) where my unparalleled skills will contribute to the overall productivity of mission critical environments |
| **Experience** |

2009-Present MDS NY, NJ

Data Center Specialist

* Extensive knowledge of telco technologies, systems, and circuits.
* Data center skills such as installing/moving equipment and cabling on a large-scale basis.
* Extensive experience working with various networking hardware such as multiplexers, routers, and switches.
* Worked on Data Center Migration for different clients, building and integrating new data center sites
* Knowledge of common network protocols such as TCP/IP.
* Able to work from engineered specifications, data sheets drawings etc.
* Experience with fault isolating and troubleshooting networks including LAN and WAN.
* Familiarity with configuring networking equipment such as routers, switches, and hubs.
* Able to test circuits and cleared troubles encountered in wiring of equipment
* Able to work with AC and DC power
* Worked with different type of servers and storage systems, trouble shooting hardware, software or connectivity issues.
* Able to work and trouble shoot problems related with copper, fiber, coax, and MPO cables
* Constantly worked on a daily basis with network, storage, and server teams to resolve on site issues related to hardware inside the data center.
* Familiar with DCIM software
* Maintained documentation of network systems infrastructure, cross connects and circuit audits.
* Operational experience with data communication issues, including security, resource management, capacity planning, monitoring, and performance.
* Ability to work independently and manage multiple projects and priorities.
* Excellent written and spoken interpersonal communication skills.
* Understanding of test equipment (i.e. Bert testing, cable analyzers, Sniffer).
* flexible to work different shifts.
* Installation, termination, testing and labeling of all cross-connects (cat5, coax, fiber) in the IBX.
* Moving and installation of cabinets and relay racks.
* Troubleshooting circuits with use of BERT Equipment.
* Perform remote hand services for customers.
* Hardware installation including: shelves, power strips, rails, cable management, and customer equipment.
* Manage and prepare incoming and outgoing customer tape backups.
* Report current status via the ticketing system, shift reports, and email.
* On call via pager during unscheduled days or shift times for emergency scheduling requirements.
* Manage multiple concurrent interdisciplinary projects and ability to work in a team.
* Provided training for in-house technical staff and develop standard operating procedures for network operation. Maintained accurate records and documented all problems.
* Exhibit quality workmanship on all work and maintain collocation space cleanliness.
* Interpret, lay out and analysis job Method of Procedures, order specifications, floor plans, equipment and wiring documentation
* Interface with Job Supervisor and Engineering to resolve any order issues. Corrected on site job specifications, drawings, documentation
* Worked with Nokia, Fujitsu, Alcatel, Ericsson, Sonet and DWDM equipment
* Perform installation testing, such as power verification, hardware provisioning and system tests.
* During removal operations perform cable verification and cable mining operations.
* Meet Network Equipment Installation/Quality Standards as prescribed in the GR-1275 and local IP72202 practices

2004-2009 Sprint & Pfizer NY, NJ

Data Center Specialist

- Advanced knowledge of computers and office software  
- Advanced knowledge of server & storage maintenance & operations.  
- Intermediate knowledge of electrical, mechanical, and HVAC equipment within the data center including high voltage filtered systems (including UPS, PDU, transformers); generators, CRAC systems etc.  
- Broad knowledge of local building codes, fire codes, and regulations  
- familiar with various fiber, cable and power types used and have hands-on experience in creating custom types for each

- monitored remote data center facilities after hours and reached local team in case of HIGH priority tickets  
- Have the ability to make appropriate decisions considering the relative costs and benefits of potential actions, and an ability to present this information to management  
- Can successfully work and promote inclusiveness in small groups  
- Capable of managing multiple equipment maintenance & server vendors  
- Have strong written and verbal skills, type with proficiency and exhibit professional phone etiquette  
- Evaluates layout of current & expansion areas and power distribution.  
- Ensured proper distribution of power within the facility and to equipment racks.  
- Ensured prompt repair of any failed or degraded equipment.  
- Managed contractors and vendors that perform work in the data centers. Institutes and maintains maintenance contracts for equipment.  
- Identified and troubleshoot simple hardware failures on x86-based servers to include the replacement of failed hardware components  
- Maintained accurate inventory of all items contained within the datacenter  
- Managed spare parts inventory and budget  
- Performed day-to-day server, storage, and network equipment installation, cabling & labeling  
- Regular ongoing audit & checklist of responsibilities  
- Able to perform cost/benefit & total cost-of-ownership calculations for various hardware projects, and present these findings to management

|  |  |  |
| --- | --- | --- |
| 2002-2004 | Vartek Solutions | NY,NJ |

|  |  |  |
| --- | --- | --- |
| **Data Center Lead Tech**  In this project I was mostly involved with Cisco hardware with in the Data Center environment,  working with different groups with in the company  Received configure and prepare Cisco equipment for client installation  Installed and configured Cisco Routers: 2500,2600,3600,4000,7500 series routers  Routing with RIP, RIP V.2, IGRP, EIGRP, OSPF, and BGP configurations  Professional level of configuring and troubleshooting routing protocols (OSPF, BGP, EIGRP)  Troubleshoot network interfaces and serial interfaces  Extensive hands-on configuration of Cisco IOS  Configuration and troubleshooting of WAN environments including Frame-Relay at customer location or remotely  Configured Cisco Routers using IP over Frame-Relay  Configured Cisco 2600 series Routers for Frame-Relay point to multipoint, point to point, with configuration of sub interfaces  Configured BRI, ISDN as backup links on Cisco Routers in Frame-Relay environment  Subnetted IP addresses, including VLSM, Secondary and Virtual Addressing created an edited Standard and Extended Access-Lists  Installation and configuration of VLANS using Cisco Catalyst 5000 and 6500 switches  Installation/ configuration of NIC cards for Windows NT  Configured passive interfaces, Distribute-lists and Floating static routes in redistribution  Load and download configuration files from server TFTP protocols for Switches and Routers  Troubleshoot connectivity problems using cable testers (Fluke, Fiber, T-Berd, Multimeter, Pent scanner  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  1997-2002 Orius Telecom NY,NJ  **Data Center Lead Tech**  Installing network and telephony communications equipment per engineering specs and drawings to comply with customer requirements  Experience with physical layer interfaces and cabling standards  Knowledge of the IP protocol suite and the routing issues associated  Have worked with BDFBs, rectifiers, power distribution, Bus bars, H-tapping, cable racks, bays, Emerson, Marconi, Ericsson equipment  Prepared progress reports and employee evaluations  Provided on-time and high quality equipment installation  Review MOPs with customer prior to start of project  Interface with the customer and account manager as required completing projects, qualifying project status and meeting customer needs  Developed MOPs for each installation project  Worked on MDF frame wire wrapping different type of blocks  Have worked on Lucent, TYCO, and Fujitsu equipment  Worked on a big DC power project in Tokyo, which include but it was not limited to. H-tapping, Lugging, building racks, running different types of power cables mounting BDFBs, stacking batteries, testing and turning up the power plant  **Hardware**  Hardware Cisco 1600,2500,2600,3600,7500 series routers/ Switches 1900,2900, 3500, 5500, 6500 series, Bridges, Hubs, Lite Span 2000, Titan 5500 and 6500, T-Berd. Wiring, terminating and testing of DS0s, DS1s, T1s, DS3s, Fiber (MM,SM) fiber optic shelves, splitter shelves, Hekimian equipment, Channel banks, AI SWITCH 180, FT 2000, DDM 2000 (0C3-0C12), cross connects, patch panels, ADC DDP-3, DDP-1, Digital Clock (timing shelf), APEX fuse panels, BDFBs, MDF, 3M, Power Mark, Fiber, Coax, DC Bus bars, AC power, RIGID and EMT conduit, Collocation, EWSD, WLS(Andrews), Nokia 850 and 1900 cabinets, Argus Power Systems, TYCO Galaxy, MCPA, CPKA, UTDA, GPS antenna, Lucent TDMAs, Utility 1 and 2 cabinets RBS – Radio Base Station, Adtran, SONET  Ericsson / Nokia / Alcatel – Lucent / Nortel GSM, UMTS3G, Anritsu Site Master, CDMA, Ericsson 2106 2206 GSM, Ericsson 3106 3303 UMTS systems  **•** Integration Tl, power amplifiers, duplexers, microwave radios, site build, QA, QC • Grounding systems, digital & analog signals, Anritsu & HP testing equipment, TDM/FDM Multiplexing, Transmission Protocols OSI/TCP/IP Models, Cablings/Coax Termination, Frequency Planning& Developing Growth/System Optimization Plans, Antennas/Connectors. C/I Studies, Sectorization Planning, Cellular Networks, AMPS, TDMA, CDMA,&GSM, Nortel Cell Site Installation (macro/micro cell), Microwave Installation and Maintenance, RF Team P/M, Spectrum Analysis, NTW coverage, Nokia BTS Ultra site/Edge, Metro Site (indoors/outdoors) System Protocols, IS – 136, RF Link, Power Cabinets (Purcell), ETl/ET2, VSWR & RF Power Meters, GPS System, RF Data Collections, RF Field Strength | | |
| **Education** | | |
| 2002-2005 | Gibbs College | NJ |
| **AA Network Administration**  Certificates:  Cisco Certified Network Associate. (CCNA)  Cisco Certified Voice Professional. (CCVP)  Cisco Certified Network Professional (CCNP) | | |