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**Professional Summary:**

* 8+ years of Experience in IT professional with a background in Infrastructure Engineer, maintenance, and end-user training.
* Documents system security design features and provide input to implementation plans and standard operating procedures
* Hands on experience in information security issues dealing with computer hardware, software, and infrastructure.
* Participate in ongoing IT Security measurements and reporting for senior management review.
* Hands on experience on Rumble switches troubleshooting and configuration.
* Identify vulnerabilities in computer systems, network, and software programs.
* Work within established configuration and change management policies to ensure awareness, approval and success of changes made to the network infrastructure.
* Accomplished in designing solutions to achieve software compatibility and streamline system upgrades and installations.
* Experience with ServiceNow Discovery.
* Experience in using Genesys Suite of technologies with specialization in Genesys Framework.
* Write and maintain network security policies and monitor compliance.
* Identify and recommend needed and optimal infrastructure improvements.
* Troubleshoot various network issues affect solutions and collaborate with staff and outside vendors to resolve complex problems.
* Performed data center equipment installations and maintenance tasks.
* Represented data center team on the IT change Management Board.
* Provides support on network security issues and responds in accordance with the Security Incident Management Plan. Receives guidance from senior staff.
* Assists Managers in monitoring and maintaining hedging models and programs by: structuring new hedges, helping maintain portfolios on systems, and preparing portfolio, hedge program, and cash flow reports
* Conforms with and abides by all regulations, policies, work procedures, instruction, and all safety rules
* Responsible for multiple servers and multiple users provided Linux OS support for web services and email.
* Experience in design, coading, testing
* and debugging network platform according to detailed requirements.
* Assist in the development of performance metrics/ measurements for the user access attestations.
* Integrated Docker container-based test infrastructure to Jenkins CI test flow and set up build environment integrating with Git and Jira to trigger builds using Web Hooks and Slave Machines.
* Experience in using Build and Automation tools like ANT and Maven and working knowledge in other build tools like MS Build and CMake.
* Used Bug tracking tools like bi, Bugzilla for finding, managing and tracking of Bugs.
* Experience in setting up Baselines, Branching, Merging and Automation Processes using Shell, Perl, Ruby, Python and Batch Scripts.
* Experience in development and configuration experience with software provisioning tools like Chef, Puppet and Ansible.
* Experience in automating MySQL slave master replication using Ansible.
* Experience in creating, maintaining and cleanup the containers on Dockers.
* Expertise and worked upon architectural level of Docker and Kubernetes .
* Manage all details of the security design, project management, and execution of events of various scopes and sizes, domestic and international
* Perform additional duties and projects as assigned by management
* Knowledge of what constitutes a network attack and the relationship to both threats and vulnerabilities
* Talented in administering and maintaining complex systems, including Microsoft operating systems, servers, and specialized logistics software.
* Analyzed software hardware and network systems for various transmission systems.
* Configured and installed routers switches and wireless controllers.
* Evaluated complex computer systems to assess vulnerability and risk.
* Worked with outside vendors and teams to develop voice and data wiring infrastructure.
* Design, install and configure internal and customer facing servers, network devices and firewalls.
* Proactively manage and maintain server, network, and firewall systems
* Administer and support core Microsoft, Cisco,
* Develop and implement project plans, risk assessments and contingency plans.
* Design and implement monitoring, configuration management and reporting functions that will make a hands-off environment.
* Define and document best practices and support procedures.
* Provide after-hours support for Infrastructure related emergencies as well occasional weekend maintenance.
* Maintain inventory and asset configuration documentation.
* Assist with hardware, firewall, telecom and software vendor evaluation, recommendation, and negotiations.
* Ability to speak and write in a clear and understandable manner for internal and external relations, understand extremely complex verbal or written instructions.
* Complete SCADA assessments, develop SCADA Master Plans, and develop control system design documents. Program, test, and commission control systems.
* Coordination of SCADA system service delivery (troubleshooting, development, upgrades and training) with operations and other automation groups

**Education and Training:**

05/**2021 Master’s In information Systems Security**

University of Cumberland’s-Williamsburg Kentucky

**Functional areas include:**

* Risk Management
* Access control
* Telecommunications and Network security
* Application security
* Operations security
* Physical security
* Security Architecture and Design
* Disaster recovery planning
* Vulnerability Analysis

**Certifications:**

AWS Certified Solutions Architect-Associate (March-2021)

**Professional Experience:**

**Acldigital (San Jose, USA) Jan2016-Till date**

**Sr. System Administrator:**

* Migrated out core repository from SUBVERSION to GIT. In this process I was involved in individually migrating all the code base from subversion to GIT ensuring that health of our builds isn’t affected. Performed high-level merges of branches, code bases.
* Worked on Continuous Integration System i.e. **Jenkins**. Used Jenkins for official nightly build, test and managing change list. Installed Multiple Plugins for smooth build and release build pipelines.
* Experience in deployment, configuration, troubleshooting and administration of OpenStack cloud components for private cloud. Installed and configured UNIX/LINUX servers on the Solaris, RHEL and CentOS platforms.
* Assist in the investigations of high level, complex violations of Information Security Policies
* Collaborate with Business Information Security Managers to deliver end to end deep-dive risk assessments for business initiatives. The assessment should focus on critical layers of the product/solution and define the associated risks, business and technical impacts, remediation, and residual risk
* Managed in creating, maintaining and cleanup the containers on Dockers.
* worked upon architectural level of Docker and Kubernetes.
* Reporting security performance against established security metrics.
* Security tool development: researching, planning, and implementing new tool features to make security tools more effective and add value
* Worked in a Linux team of 10 on over 900+ RHEL servers, performing daily administrative tasks.
* Handled Genesys Suite of technologies with specialization in Genesys Framework.
* Converted Linux systems from local password authentication to LDAP and NFS homes, Increasing administrative efficiency.
* Set up user accounts, permissions and passwords and defined network policies and procedures.
* Generated reports outlining network performance, costs, and downtime issues.
* Managed day-to-day storage equipment administration to promote optimal system asset application.
* Installing, implementing and mounting racks, fiber patch-panels terminating cat5/cat6.
* TCP/IP protocol analysis.
* Determined and alleviated hardware, software, and network issues.
* Researched, recommended, configured, and supported hardware and software for multiple departments.
* Provided effective resolutions to issues and escalated problems with knowledgeable support and quality service.
* Set up, optimized and managed network equipment.
* Promoted continuous improvement for IT governance processes.
* Knowledge of network security architecture concepts, including topology, protocols, components, and principles.
* Managed network-related projects from concept to implementation.
* Kept flexible schedule and resolved after-hours and weekend emergencies quickly and accurately.
* setting up Baselines, Branching, Merging and Automation Processes using Shell, Perl, Ruby, Python and Batch Scripts.
* Ability to speak and write in a clear and understandable manner for internal and external relations, understand extremely complex verbal or written instructions
* Planned, tested, and supported availability infrastructures.
* Coordinated installation of updated computer programs and systems.
* Tested newly installed programs and applications to validate operability.
* Troubleshot and resolved problems with programs and systems.
* Formulated, defined, and documented system specifications.
* Expanded systems with new features and structural components.
* Maximized information sharing by optimizing interface linking different computer systems.
* Troubleshot malfunctions with systems and programs to pinpoint root cause of issues and restore.
* Integrated new technologies to meet area requirements.
* Coordinated and implemented network security measures to protect data.
* Observed staff to study daily tasks regarding information processing and performance to better understand business system needs.
* Assisted with post-implementation troubleshooting of new applications and application upgrades.
* Provided smooth communications by configuring LAN technology, wireless access points and controllers.
* Implemented, tested, validated, and maintained networking services according to solution designs.
* Maintained smooth operations of software and hardware, network uptime through remote access, LAN and WAN.
* Hands on experience with Rumble switches and configuration.
* Installed and maintained voiceover IP and VTC devices, checking customer availability for various networks.
* Reviewed system logs to determine usage levels, bandwidth, performance, and system security to target inefficiencies and implement appropriate solutions.
* Maintained production network according to company SLAs to fulfill agreed-upon client specifications.
* Installed routers, switches, firewalls, wireless controllers, access points and communication hardware to deploy and manage LAN, WAN, and wireless networks.
* Produced system configurations and procedural documentation with network diagrams.
* Develop and implement project plans, risk assessments and contingency plans.
* Design and implement monitoring, configuration management and reporting functions that will make a hands-off environment.
* Define and document best practices and support procedures.
* Provide after-hours support for Infrastructure related emergencies as well occasional weekend maintenance.
* Assist with hardware, firewall, telecom and software vendor evaluation, recommendation, and negotiations.
* Maintain SCADA systems on GE operating wind farms subject to conditions of Operation and Maintenance contracts

**Calsoftlabs (Bangalore India) April 2012-Dec2014**

**System administrator.**

• Configuration, implementation, and maintenance: Cisco Firewall, Cisco Router, Cisco Switch, Cisco VPN, Velocloud SD-WAN, Meraki Wireless, ACS, A10 Load Balancer.

• Other tools: FTD FMC, DNA Center, ThousandEyes

•Managed Network Device/Warehouse Inventory.

• Managed Remote access maintenance and configuration.

• Cable Management configuration, implementation, maintenance of Network Rack.

•Managed Internet connectivity configuration, implementation, maintenance.

• UNIX scripting and log maintenance.

• Provide 24-hour on-call support, including evenings and weekends. On-call rotations required.