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| **Summary** |

* Proactive, bilingual systems engineer specializing in cybersecurity, threat mitigation prevention with expertise in big data, analytics, and monitoring critical top secret and trade secret information systems.
* Successful background to improve and build upon any type of company's services and market share.
* Solutions-oriented systems engineer with 16 years of experience with the regulatory governed compliances.
* Integrating networks and user clusters of a complex enterprise to achieve its objectives in a regulated, highly compliant, and changing environment.
* Provide advanced integration of diverse IT languages, software bundles for new and existing hardware. Integrating human clusters into an efficient, salable network environment with multiple redundancies.
* Setting up separate network protocols for different access status for users with desired hierarchical controls.
* Achieving service reliability, data protection, and accessibility with maximum privacy protection. Achieving 98% of uninterrupted service with 0% data loss and 100% data and privacy protection across layers of internal and outside users.
* Setup self-reporting troubleshooting procedures and minimally invasive mechanisms to prevent system misuse and abuse to ensure termination and reporting unauthorized access and/or massive data transfer attempts.
* Integrating management, support teams, and user clusters to maximize error-free operations.
* Creating training & testing procedures for management - technical staff - user clusters interactions in a non-technical manner to achieve defined objectives: (a) consistency in technical problem reporting and resolution; (b) increase in understanding/compliance and (c) decrease in execution time. Reducing complexity for 100% of users to achieve the required proficiency in 1 to 4 sessions.
* Fashioning IT solutions for operational change designing flexible enterprise server configurations and fiber optics layouts to adapt to changes in enterprise structure, operations, management objectives, and regulatory environments.
* Manage the introduction of new hardware and software without any user downtime.
* Increase efficiency by 40% and reduce costs by about 35% for departments operating in different time zones.
* Strong organization, technical writing, and non-technical writing skills.

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| **Skills** |

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| * Skilled in oral and written communication * Microsoft Windows Server and all other Microsoft desktop operating systems including UNIX and LINUX * Active Directory, Exchange administration * Clusted; Redundent Managment of file systems and storage retention * Apple systems and products * Asset management * Bash scripting, Power Shell scripting for automation, and debugging. * Risk Management and resolution * Designing and scaling networks systems * Documentation * Deep understanding of fiber-optics and fiber-optic networks * Supervising teams and users * Firewall supervision * System administration * Secure global IT support and user support * Administration of Linux and UNIX Systems * Managing system updates and upgrades * Marketing * VPN: Implementation and security * Citrix products | * Apache, SVN, TOMCAT. * OSI network layers * Penetration testing * Server/network configuration * VMware and Xen-Server * Developing and improving existing elastic, resilient, redundant network topologies * Implementing unique cybersecurity automation systems * Vendor/partner relationships * Infrastructure development * JUNOS * GSUIT Administration * System imaging for deployment and remote management * Fiber optic modulation with CWDM, DWDM and other * Recruiting and Hiring * Maintaining records * Budget control * Project proposals * Project designs * Mentoring and coaching * Confident public speaker |

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| **Experience** |

IT Specialist / Academy of Motion Picture Arts and Sciences - Beverly Hills, CA  *08/2020 - 10/2020*

* Planned testing processes and verified on-time execution within expected parameters.
* Setup and properly maintained all equipment to achieve precise testing and maximum functionality.

Senior Systems Administrator / First Contact Entertainment Inc - Santa Monica, CA  *03/2019 - 12/2019*

* Responsible for operations and maintenance of a multi-level network system
* Rebuilt and Administrated of Windows Active Directory, domain controllers, and user desktops.
* Administration of Linux servers
* Configuration of networking hardware including routers, switches, and storage devices servers
* Monitor the health of IT infrastructure to ensure optimal operation
* Maintain inventory of IT equipment
* Reduced environment to a well-integrated secure hybrid environment
* Selected and managed access control security for user hardware, software products used by individual users in each department
* Designed, supervised, and reconfigured sophisticated fiber optic and copper networks
* PowerShell to help manage the Windows infrastructure.
* Creating PowerShell, VBScript's and Batch files for Active Directory and VMware related automation.
* Planned and Documented Inter-Org Migrations.
* Configured and set data protection and security perimeters for sensitive, super-sensitive and proprietary areas with multi-modal firewall's that integrated switches that allowed for High Availability and failover servers systems
* Designed and implemented VPN solutions with 99% efficiency
* Enabled Group Policy Objects to achieve 100% compliance with Microsoft, Sony, Oculus, Vice, and for local Active Directory and company requirements
* Integrated internal and off-site proxy servers for contractors and developers with "0" unauthorized access events and 100% data integrity
* Maintained and deployed software update server for all Windows 10 users
* Explained how to securely use Microsoft Windows 10 operating system to executives and accounting teams both remotely and via phone
* Managed 80% of all software licensing and approval for the company
* Created and maintained a 24/7 user support hotline and ticketing system with an easy to read Wiki for my IT support team and users
* Improved job tasks and mentored junior team members on best practices and standards
* Increased system security and performance with proactive changes
* Submitted recommendations regarding infrastructure overhauls
* Set up, optimized and managed network equipment
* Orchestrated and oversaw upgrades to the system hardware and software
* Provided effective resolutions to issues and escalated problems with knowledgeable support and quality service
* Assessed latest innovations to recommend and adopt cost-effective, useful solutions
* Used pipe and filter model to find bottlenecks and enable measurement of system resource usage and process behavior
* Created numerous PowerShell modules and scripts to automate IT processes such as user creation, system monitoring, patching, and troubleshooting.
* Automated Windows 10 in-place upgrade process with PowerShell.
* Server Task Automation through PowerShell Script Creation.

IT Director / Skydance Interactive - Marina Del Rey, CA  *09/2016 - 06/2018*

* 100% responsible for infrastructure design, operations, and maintenance of a multi-level network system for a big company with 250 + users with diverse status, objectives, and needs
* Systems Administration with primary focus on Active Directory, Exchange Server management, Group Policy Management, and VMware Administration in a Windows Server environment.
* Designed and implemented VPN solutions with 99% efficiency
* Designed and implemented Group Policy Objects to achieve 100% compliance with Microsoft Active Directory
* Integrated internal and off-site proxy servers for contractors and developers with "0" unauthorized access events and 100% data integrity
* Build and release Cloud based products containing Linux / Windows environments, using PowerShell, TFS and Python Scripting.
* PowerShell scripts to automate mundane tasks, managing AD group membership for users based off their location.
* Configured and set data protection and security perimeters for sensitive, super-sensitive and proprietary areas with Cisco ASA firewall's and switches with High Availability and fail over
* Configured and introduced optimal VLANs and access control lists between 5 networks
* Expanded PRTG monitoring capacity with agility to meet evolving company needs
* Developed and enforced strict user policies while instilling best practice strategies for all users
* Created, maintained, and expanded a strict asset management platform to control the introduction and integration of new hardware and software
* Maintained 100% of up time of file servers, proxy servers, and other Virtual Machines
* Managed licensing for 100 % of software products used by individual users and departments
* Personally designing, supervising, and re-configuring complex fiber optic and copper networks with detailed network documentation
* Maintained a fast ticket and response system for the IT staff and users
* Mentored and coached users in the hands-on use of Cisco, UNIX, Windows server technologies
* Set requests for advice, support, and resolutions as simple routines for users and tech personnel
* Cleared and approved requests for and made new purchases with 25% to 50% savings for the company
* Documented and coordinated expenditures with the accounting department
* Worked closely with other stakeholders to immediately address issues and implement effective solutions
* Reviewed completed work to verify consistency, quality and conformance to creative plans
* Developed and supervised staff by providing orientation, training, support and direction
* Managing and remediating Active Directory, and migrating on-prem AD to Azure Active Directory
* Active Directory administration / automation through PowerShell.
* Active directory, Microsoft Exchange, Group policy object / maintenance.
* Active Directory - Group policies, administration.  
  Advanced Active Directory configuration of workstations, user configuration and management.
* Consulted users to determine areas in need of improvement
* Kept flexible schedule and resolved after-hours and weekend emergencies quickly and accurately
* Spearheaded server infrastructure development, quality control, staging and production operations
* Generated reports outlining network performance, costs and downtime issues
* Planned, tested and supported high-availability infrastructures
* Promoted continuous improvement for IT governance processes
* Analyzed intricate server issues and supported large enterprise and business-critical applications
* Maintained quality-focused performance benchmarks and schedules when directing project teams
* Completed proof-of-concept thin-client web framework for enterprise intelligence applications with web developer
* Monitored project budget through the careful assessment of resource usage and task management to ensure that costs were kept low
* Developed IT strategic vision and drove key departmental objectives  
  Promoted company in maintaining work environment focused on quality, communication, collaboration, integration and teamwork  
  Developed streamlined task system to provide more effective workflow's for both peers and management staff
* Improved staff morale by optimizing workload to sustain work-life balance

System Engineer / Rack Alley LLC - Los Angeles, CA  *08/2014 - 08/2016*

* Network Installation and integration
* Custom Network designs for customers with multiple accounts and privacy of data and integrity of operational needs
* Administration of Windows, Linux, and Unix server-based operating systems in an environment with multiple threats
* Exchange 2010 hybrid environment on premise and cloud, Lync 2010 and 2013.
* Specialized in network layer load-balancing to achieve 90-100% network stability
* Building, optimizing, and supporting network fiber infrastructures within and outside of the principal network
* Active directory, Microsoft Exchange, Group policy object and domain name system, maintenance, repair and adjustments as requested by clients.
* I have administered over three thousand servers in three data centers while managing employees, providing training, and supervision
* Managed and supported all collocated system infrastructures for nearly 1700 clients
* Deployed the latest technology for cloud-based infrastructure and load balanced applications used by content delivery networks
* Provided support by infra-structured VOIP as well as IPTV origination and endpoint termination
* Structuring and maintaining a vast international hosting infrastructure to enable continued scaling in response to fluctuations in market demand
* Ran operational tests on systems and equipment to reinforce proper processes and remedy malfunctions
* Handled troubleshooting tasks related to the components for Local Area Networks, Wide Area Networks and voice systems
* Spearheaded server infrastructure development, quality control, staging and production operations
* Administration of Exchange 2010/2013 Servers.
* Managing and Maintaining Exchange Server.
* Installation and support of Active Directory, Web Server (IIS, apache), Proxy Server, Microsoft Exchange Server 2010, Jabber And Database Servers.
* Microsoft Windows Server OS, Active Directory, DNS Servers and Exchange.
* Planned, implemented and integrated updated system-oriented projects
* Studied network security logs to identify and eliminate possible outside and internal threats

Systems Engineer / Multacom Corporation - Los Angeles, CA  *11/2013 - 08/2014*

* Services required: -Improving then-existing network infrastructure
* Accomplished by increasing the bandwidth by 2000 Mbps and doubling the speed
* Automating system administration
* Accomplished by scripting programming software to automate tasks on over 5000 servers
* Managed EC2 instances and other AWS tools using Windows PowerShell.
* Troubleshooting operating systems
* Resolved 100% of hardware issues while working with and assisting employees with new daily data center operations and procedures
* Defined technical integration strategy and developed integration plans
* Built and oversaw network infrastructure comprised of various virtual products
* Utilized Python to handle debugging and automation scripting tasks

Independent Project Specialist / Self Employed - Los Angeles, CA  *01/2003 - 01/2014*

* IT Analyst and Troubleshooter, Network Developer, Web/Database Administrator, Representative clients, and project tasks: Law Offices of Masha K. Bach: Configured software & hardware network, facilitated PC migrations and upgrades
* Effectively controlled the release of proprietary and confidential information for general client lists
* CalPOP.com: Implemented network configuration of internal systems and client interface for a boutique internet advertising/information technology company
* Developed and managed an interactive database of 4000+ patient charts into three-dimensional photographs for virtual reality applications.

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| **Education and Training** |

University of California, Extension - Los Angeles

Some College (No Degree): Information Technology

* Completed professional development in UNIX and Microsoft Server Operating Systems
* 4.0 GPA

Monterey Peninsula College - Monterey, CA  *2010*

Associate of Science: Computer Science

* Ranked in Top 10% of the class of 2010
* Continuing education in Cyber-security
* Majoring in Computer Science and Psychology
* Student of the year award recipient

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| **Speaking Engagements** |

“Protection of Minors Online and Governance of Internet Ecology” Forum at the 6th World Internet Conference. -China 2019