**ABDUL NDIAYE**

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**| Network Engineer Cloud Computing |Systems Administration Management|**

**Professional Summary:**

Strong analytical skills in Network engineering environment including Load-balancer, Routing, Switching, from various technology disciplines to troubleshoot complex system-level issues in hardware and software related infrastructure.Team player, and the ability to work independently with minimum supervision. Demonstrating excellent customer service orientation, delivering optimal solutions on time, utilizing problem solving and analytical skills, with core competencies in:

**Azure \* Azure -Cloud Automations \* Azure Identity Multifactor Authentication \* SharePoint \* PowerShell \* Exchange 2007 - 2016 \* Office 365 \* DNS \* DHCP \* Active-Directory \* IIS \* Azure Virtual machines \* Python \***

**Areas of Expertise:**

* Bilingual: French and English
* Knowledge in IT program management & Customer relation
* Strong understanding of TCP/IP, DNS, BGP, OSI Model, Azure Architecture, and Dir-Sync
* 6+ years of relevant experience in networking technologies to include TCP/IP, BGP, OSPF, STP, HSRP, MPLS, NAT, QoS, SNMP, ACLs, Routing, Switching, Load Balancing
* Working knowledge of circuits – P2P, Dark and Lit Fiber, MPLS, WAN, MAN, SDWAN
* Networking and Troubleshooting experience using ping, tracer, and Wire-Shark, Net-Mon, and I-Perf
* Office 365, Microsoft Exchange Server, Email protocol, IMAP, POP3, & SMTP
* Experience in PowerShell, Exchange 207,2010 &2012, Software and hardware testing
* Knowledge of Office 365 deployment, Server 2012, DNS, and Active Directory
* Experience with SLA, Service Desk, & MSSolve ticketing system
* Knowledge of Microsoft Exchange PowerShell commands needed to manage Exchange features, roles, mailboxes, performance, basic scripting, and troubleshooting
* Strong written and verbal Technical communication skills
* Strong switching PowerShell Scripting on Azure platform and Infrastructures
* Programming skills; Java and Python languages
* Experience with Juniper IOS, Cisco, and Extreme Network
* Azure Identity, AD, VPN Connections, and Virtual Machines implementations
* Azure Identity Accesses management and Could Network monitoring

**Work Experience:**

**Microsoft** (contracted Mindtree), Redmond, WA

***Sr. Azure Network Engineer,*** 11/2017 – Present

* Support operations for over 600 physical network appliances and 400’s of virtual nodes
* Triage tickets related to data centers, Internet applications, and worldwide office connectivity across switches, routers, firewalls, ASA, and VPN appliances
* Use Python for network automation configuration
* Assist customers with Site-to-0Site VPN connection, and Azure ExpressRoute deployment
* Respond to automated monitors and alerts to troubleshoot network issues
* Design, deploy and support routing, switching, firewalling, and load balancing for 30 market leading Internet sites that serve millions of visitors each day
* Lead a team of experienced and knowledgeable engineers to ensure network uptime/availability
* Secure and manage worldwide office locations supporting both onsite and remote users

**Microsoft** (contracted Microland), Issaquah, WA

***Associate Consultant – Professional Services,*** 10/2016 – 07/14/2017

* The primary responsibility would be to perform the migrations assigned irrespective of the migration types within the shift. Good working experience on Microsoft Active Directory.
* Use SLA and MSSolve ticketing system to resolve customer issues and server level configuration
* Performed migration from G-Drive to o365 by using PowerShell scripts and (RDP) remote desktop protocol
* Managed Exchange Online -Office 365 migration, Lotus Notes, Gmail, G-drive, File-Share, and SharePoint
* Use PowerShell Scripting to perform and monitor the migration process on the customer environment
* Troubleshoot migration mail-user by using PowerShell Scripts
* Used PowerShell to schedule Cut-Over migration, (SWRC) Suspend when ready to complete at 95%
* Communicate via email with client by sending migration reports on daily bases

**Microsoft** (contracted Lionbridge Technologies), Redmond, WA

***Software Tester***, 10/2012 – 09/2016

* Complete software testing by identifying malfunctions and issues
* Use (WSCC) Windows Certification Content tools to test apps for functionality
* Perform testing by capture real-world uses and architecture.
* Use PowerShell scripting to troubleshoot server environments
* Performed system, unit, performance, load, regression, stress and data interface testing
* Provided client developer teams with detailed reports on quality metrics, identified bugs/flaws and recommended fixes

**Microsoft** (contracted VMC Consultant), Redmond, WA

***Technical Support Engineer*** 03/2012 - 08/2012

* Provide the world’s best professional technical support for Microsoft client worldwide
* Support customer to migrate from BPOS to cloud Office 365 technology
* Troubleshoot customer issues by using Easy-Assist program
* Manage diverse responsibilities and assignments while maintaining high level of quality
* Support Tier 1 in troubleshooting and network issues and exchange server
* Assist customers with Microsoft collaboration technologies (MOSS) issues
* Provide systems support to Microsoft Clients by using enterprise tools: Active Directory, IIS, DNS, and DHCP
* Assist customer with configuration in a complex network environment
* Supported Exchange Online & Microsoft Online Portal.
* Troubleshooting for workstation configuration and deployment issues.
* Troubleshooting for mail flow, DNS and connectivity issues by using SCOM and debugs tool.
* Utilized Windows PowerShell scripting to assist network administrators in the domain, mailbox and user management within Exchange Online & Microsoft Office 365
* Assisted network administrators with general knowledge questions pertaining to O365 Cloud suite.

**Mobile Net Service**, Irvine, CA (Seattle)

***Field Engineer***, 03/2010 – 12/2011

* Independently problem-solved software and equipment malfunctions.
* Performed HSDPA, CDMA, LTE, UMTS and EVDO data collection
* Troubleshoot cellular sites by monitoring scrambling codes
* Assisted senior engineers by identifying areas in need of additional cellular optimization
* Performed FTP testing and cell cites optimization (RNC, IRAT, & BSC)
* Utilized Street-Atlas network software to locate cellular sites
* Tested cellular sites for “Soft Handover” by identifying dropped calls and scrambling codes.

**Lucent Technologies**, Kirkland, WA (Contracted) (ADEX Corp)

***RF Tech***, 06/2005 – 02/2007

* Independently problem-solved software and equipment malfunctions.
* Performed HSDPA and R99 tests, recorded and tracked tests using computerized files.
* Assisted engineers to identify areas needing additional cellular sectors or new cellular sites.

**Education:**

***Bellevue College (2012 – 2014)*** Network Administration & Computing Services *(Network Administration track)*

***South Seattle CC (2008 - 2011)*** Pre-Bachelor of Science in Engineering - 80 credits completed

***Microsoft: Exchange 2010/2017***, BPOS, Outlook2010 (Training completed 2012) Azure Networking Boot-Camp. Azure Identity, MFA and Dir-Sync

**University Of Washington (2018)** Python Programing