

Cloud Engineer Cloud Engineer Naperville, IL Highly motivated IP Engineer with a burning desire to expand into architecting cloud solutions in AWS. I am equipped with 8 years of relevant technical experience (within an overall 22+ year technical career) in Private Cloud, IP Networking/Administration, IP Security, Firewall Administration, DNS, Server Management and Active Directory - all within a fast-paced, ever-changing Telecom environment. Adaptable, flexible and accustomed to problem solving, troubleshooting and multitasking - both independently and within highly energized, focused teams that deal directly with developers, testers and customers.

Authorized to work in the US for any employer Work Experience Cloud Engineer Nokia, Naperville January 2017 to Present United States Member of a 3-man team that installed, configured and deployed Nokia's cloud products for use with the Naperville Wireless Labs, including Airframe Telco Cloud, Cloud Mobility Manager and Cloud Network Management System Performed Bare Metal installations, configurations of RHEL/KVM OS/Hypervisor, creation and provisioning of the cloud with Nokia's CloudBand Infrastructure Software (CBIS), use of core Openstack services to create virtual elements, and Cloudband Application Manager (CBAM) for automated lifecycle management and application stacks.

Juniper SRX Firewall Administrator Nokia, Naperville - Naperville, IL January 2016 to Present Installation and administration of Juniper SRX-1500 Firewall cluster that serves as the entry point to the Naperville Lab networks for other remote Nokia locations. Architected layout and IP plan for HA cluster and implemented all security policies and routing. Coordination with IT when access to/from IT-managed networks is needed. Performance of all Firewall maintenance including JunOS software upgrades, hardware replacement and troubleshooting.

IP Security - Active Directory Nokia - Naperville, IL January 2014 to Present Implementation of local domain controller as part of Nokia's corporate Active Directory; orchestrated addition of all Lab Windows 7/10 PC's to domain, group policy updates and troubleshooting. Conversion of local logins to domain logins via ProfWiz tool; use of PDQ Inventory tool for management. Implementation of corporate IT security measures on Windows and Linux PC's such as OS Hardening, Log Monitoring, Qualys Scanning and Remediation of vulnerabilities found in periodic security scans.

IP Network Administration Nokia - Naperville, IL May 2011 to Present Co- Administrator of Lab IP OSPF network consisting of 700+

hosts, 30+ Nokia/ALU 7750 and 7705 Service Routers, Cisco 7609 routers, numerous L2 & L3 switches, DNS Servers, PC s, VM s and specialized lab equipment. IP subnetting, distribution, provisioning, router/switch configuration, hardware/software updates, and troubleshooting.

Education B.S in Electrical Engineering University of Illinois at Chicago - Chicago, IL August 1988 to December 1992 Skills Bgp, Ipv6, Ospf, Switching, Vpn, Dns, Networking, Nmap, Wireshark, Firewall, Unix, Elastic beanstalk, Ebs, Ec2, Dynamodb, Json, Python, Bash, Windows 7, MacOS, AWS, Powershell, ELB, S3, RDS, DynamoDB, VPC, IAM, SQS, Lambda, CloudFormation, Elastic Beanstalk, Autoscaling Links <http://www.linkedin.com/in/kdm1969> Certifications/Licenses AWS Certified Solutions Architect - Associate July 2019 to July 2022 <https://www.certmetrics.com/amazon/public/badge.aspx?i=1&t=c&d=2019-07-01&ci=AWS00652163> AWS Certified Cloud Practitioner October 2018 to January 2022 <https://www.certmetrics.com/amazon/public/badge.aspx?i=9&t=c&d=2018-10-22&ci=AWS00652163> Cisco CCNA August 2008 to August 2011 Additional Information Skills Cloud AWS EC2, ELB, EBS, S3, RDS, DynamoDB, VPC, IAM, SQS, Lambda, VPC, VPN, CloudFormation, Elastic Beanstalk, Autoscaling, OpenStack, CBAM, CBIS OS/Languages RHEL/CentOS, Unix, Bash, JunOS Windows 7/10, MacOS, Microsoft Office, Active Directory, Python 3, JSON, YAML, Powershell Networking IPv4/IPV6 routing, L2/L3 switching, OSPF, BGP, Wireshark, NMAP, DNS, Firewall security policies Strengths Quick Study, Team Player, Dedicated, Flexible/Adaptable, Analytical, Detail Oriented, Loyal

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