

Cloud Network Engineer Cloud Network Engineer Cloud Network Engineer - Tech Mahindra
Redmond, WA Work Experience Cloud Network Engineer Tech Mahindra - Redmond, WA February
2016 to Present F5 BIG-IP devices LTM (Firewalls/Load Balancers), MX960 CCE, Routing
Protocols, VMWare vSphere, LTE, VOLTE; Tools Used: Ixia, Spirent. Worked on 'Sundance' project
where all these devices and technologies were extensively used. Configured, administered, and
updated F5 firewalls and Load balancers for the entire project. F5 TMOS upgrades, iRule, health
checks and Troubleshooting were the main tasks in the project. Configured Site to Site VPN and
IPsec over GRE for allowing access to various vendors. Configured Next Gen Palo Alto VM-300
on ESXi, KVM and Open Stack based Environments using Service Chaining. Automated the
process of config file management and email-notifications on Arista device. Worked on MX and
SRX Juniper product lines. Built and maintained SRX 5800, 5600 firewalls via Junos and STRM,
NMIS. Created S3 buckets and managed policies. Leveraged AWS cloud services such as EC2,
auto-scaling and VPC to build secure, highly scalable systems via AWS mgmt. console. Deployed
Extra hop in lab to monitor all the wire data, analyze the network performance and t-shoot issues.
Automated the process of extracting Network parameters and building graphs. Standardized
Splunk forwarder deployment, configuration and maintenance in Linux platform Worked with REST
API's to get and retrieve data from a virtualized node used to store messages. Apache Cassandra,
Swift (Object Storage), Linux, Bash, Tools Used: IRIS, JDSU: Worked on 'Messaging' Project. The
primary task was to manage specific nodes a message traverse through before getting delivered to
the user. The idea was to make a message delivery prompt and fault tolerant in various scenarios.
Currently working on 'Plug Fest project' with FB. Set up Juniper MX 240, ACX 2200 as per the
project requirements, and also established IPSEC connectivity from TechM F5 to FB F5.
Configured, supported and maintained network connectivity, reliability and redundancy. Played an
important role in routing and establishing various VM connectivity from Redmond to MPK. Database
Administrator Stone Gallery LLC - Tampa, FL January 2015 to February 2016 Firewall, RDBMS,
PHP -- Streamlined the entire process of online businesses, starting from the selection of stone by
the user and further implementing tools to assist clients with their end project. Reviewed existing

IT systems and internal processes; collected and analyzed data to identify areas for improvement within the IT infrastructure of the distribution company T-shoot and debugged IT systems to ensure error-free functionality and end-user satisfaction Effectively optimized the company's website and implemented SEO to improve the PageRank of the website. Also, configured the firewalls to enhance the security. Deployed Extra hop in internal lab to monitor all the wire data, analyze the network performance and t-shoot issues Launched Amazon EC2 cloud instances using AWS and configured them with respect to specific applications and regions. Responsible for S3 buckets creation, policies and IAM role based policies. Involved in migration and implementation of multiple applications from on premise to cloud using AWS services like SMS, S3, Cloud formation, Route 53, Glacier Standardized Splunk forwarder deployment, configuration and maintenance in Linux platform Graduate Research Assistant Florida State Univ - Tallahassee, FL August 2013 to August 2014 PHP, HTML, Java Script, CSS; Tool Used: Adobe Dreamweaver: Worked as a website developer for the department of Arts and Sciences at FSU, where my task was to develop new webpages according to the requirements of various departments and keep all those webpages updated. Software Engineer Tech Mahindra March 2011 to July 2012 - India Mainframes, Java: Worked as a software developer at Mahindra Satyam now Tech Mahindra. Intern Bharat Electronics Limited September 2010 to March 2011 - India FDD-LTE AND CDMA Systems Our team of 6 people were responsible for network integration of FDD LTE and CDMA systems. Education M.S in Computer Science Florida State University December 2014 B.Tech in Electronics & Communication Kurukshetra University - Kurukshetra, Haryana August 2010 Skills Apache cassandra, Cassandra, Splunk, Isec, Juniper, Ssl, Wireshark, Application layer, Vm, Vmware, Apache, Linux, Encryption, Firewalls, Networking, Iaas, Python, Bash, Database, Database systems Links <http://www.linkedin.com/in/ankitsethi207> Certifications/Licenses AWS Certified Solutions Architect --Associate December 2018 to December 2020 Additional Information Skills Platforms: Microsoft Windows, Linux (CentOS, Fedora, Debian) Security Skills: ACL's, VPC's, IPSec, GRE, SSL/TLS encryption Security Devices: F5 BIG-IP LTM/GTM(Firewall/Load Balancer), Juniper: vSRX and SRX-5800, 5600, NG Palo Alto Firewalls VM-300, PA 5000 and 3000 series Virtual

Networking/Cloud Platforms -AWS Certified Solutions Architect Associate, RedHat IAAS Certified, ESXI, VMware vSphere Juniper MX960 and MX240, Juniper ACX 2200, Affirmed Networks Log Analysis: Wireshark Network and Monitoring tools: IXIA, Spirent, Extra hop, Splunk Wireless: LTE, VOLTE call flows Programming languages- Python, Bash Database Systems: Apache Cassandra Networking Protocols: Routing, Application layer protocols

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