**KOUSHIK NETI**

System Engineer

 Email: netikoushik@gmail.com

 Mobile: +91 7842002001

Professional Snapshot

* Having 3.7 Years of IT experience with expertise in AWS, Azure cloud services, Linux Administration, System Administration and Hosting based 24X7 support environments.
* Experienced with Administration of Work floor, Amazon cloud environment.
* Good Experience in AWS Infrastructure on various Amazon web services like **EC2, S3, VPC, IAM,** **Route 53, EBS Volumes, Auto Scaling, and ELB’s** for EC2 Instances.
* Good Knowledge in Container based technology **Docker**.
* Worked on Linux, WindowsEnvironment and VMware.
* Recent/current VMware vSphere 5.5 or greater (as primary focus) admin experience.
* Having Experience in Installing, configuring and managing different versions of OS in both physical and virtual environments.
* Good knowledge in Managing infra monitoring tool such as **Nagios, AWS Cloud Watch, Pager Duty**.
* Having Experience in designing, implementing, managing and optimizing builds and their releases.
* Responsible for installation and configuration of Web Servers (Apache and Tomcat), DB Server (My SQL).
* Configuring & Administration of ADS, DHCP, DNS, Group Policies.
* Installation and configuration of Domain Controllers in Windows environment along with DNS and DHCP.
* Creating & Managing file sharing services (Network Storage).
* Monitoring and troubleshooting AD, Active directory backup and recovery.
* Managing the User Profiles and privileges.
* Office365 management like creation of mail id’s and updating the passwords and managing office license.
* Resolving the customer queries related to the both network and Windows support.
* Linux server knowledge ability to navigate the Linux platform to perform software installs, configuration updates, performance troubleshooting.
* Responsible for the Log backup from different Linux servers to AWS S3 storage daily, weekly and monthly wise.
* Monitoring the application server and AWS ELB logs in various servers in different Zones.
* Reporting with detailed information for monthly AWS account billing, DB backup procedures and work floor asset management reports.
* Scheduling jobs using crontab, Create SWAP Memory, Managing DNS Records.
* Good Experience in Windows System Administration and services like Active Directory and Group Policies Implementation.
* Managed servers, workstations, computers, laptops, printers, routers, switches and existing network applications.

Work History

* Worked as a **Network/Cloud Engineer in Venusgeo Solutions Pvt Ltd.,** at Tirupati from December 2016 to January 2020.
* Worked as a **Sr** **Systems Engineer** in **Uber Tech Labs Pvt Ltd.,** at Hyderabad, Jubilee Hills from Feb 2020 to Oct 2020.

Educational Profile

* B.Tech from Kakinada Institute of Engineering & Technology (JNTUK) In 2016 with 62.02%.
* Intermediate from Narayana Junior College KAKINADA (Board of Intermediate Education) In 2012 with 76.3%.
* SSC from Bhashyam Public School KAKINADA (Board of Secondary Education A.P) In 2010 with 88%.

Technical Skills

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| --- | --- |
| **Operating Systems** | Windows, Linux(Red hat, Ubuntu, Centos) |
| **Cloud Services** | AWS, Azure |
| **SCM Tools** | GIT |
| **Monitoring Tool**  | AWS Cloud Watch, Nagios, Pager Duty |
| **Ticketing tools**  | Atlassian JIRA, Rukovoditel, Zen desk |
| **Web Server**  | Apache Tomcat , Nginix |
| **Scripting Languages** | Shell scripting |

**Work Experience:**

**Company: 01**

 **Organization** : Venusgeo Solutions Pvt Ltd.,

 **Client :** GSMA, Wso2

 **Project : GSMA (IMEIDB, Device Check, Stolen Phone Checker),Wso2(m-connect)**

 **Team Size** : 45

 **Role** : Desktop Support Engineer

**Period** : Dec 2016 to Jan 2020.

**Accountabilities as Cloud Engineer:**

* Involved in working, supporting and implementation project in AWS cloud, I have worked on Amazon Web Services and working on both Windows and Linux platforms.
* Responsible for designing and deploying a multitude applications utilizing almost all of the AWS stack (EC2, Route53, S3, SNS, AMI, IAM, AWS Cost Explorer, AWS Code Commit) focusing on high-availability, fault tolerance, and auto-scaling.
* Monitoring AWS EC2 servers using AWS metric services.
* Created AWS Route53 to route traffic between different regions.
* Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
* Created users and groups using IAM and assigned individual policies to each group.
* Experience in installing Dockers like container instances using Amazon ECS to deploy multiple Tomcat Application servers.
* Worked on configuring the Apache Tomcat for Java applications deployment.
* Created and maintained Subversion/GIT repositories, branches and tags.
* Used Nagios as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes
* Migrated the current Linux environment to AWS/RHEL Linux environment and used auto scaling feature.
* Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.
* Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious ip/subnet via ACL.
* Create/Managing buckets on S3 (CLI) and store db and logs backup, upload images for CDN service.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch.
* Taking the Log backup from different Linux servers to AWS S3 storage daily, weekly and monthly wise.
* Servers Log monitoring for tomcat applications with the monitoring tool of **Nagios**, **AWS Cloud Watch**, **Pager Duty**.
* Monitoring the application server and AWS ELB logs in various servers in different Zones.
* Reporting with detailed information for monthly AWS account billing.
* Using Shell Scripting and cron jobs moving applications logs and system logs to s3.
* Provide application administration support for Control-M’s production cluster, QA, Dev., and DR environments
* Coordinate and provide significant input to project planning and application design
* Work with software developers and Quality Assurance to seamlessly migrate applications from development to QA and production
* Assisted in maintaining systems in all environments at various sites
* Managed daily activities to include user support and system administration tasks
* Installed, configured, and updated Linux machines, with Red Hat, Debian, and Centos.
* Deploy new equipment and install applications, which enable the customer to perform their job function on updated equipment which leads to higher work output.

**Accountabilities as System Engineer:**

* Installation, troubleshooting and configuration of Windows 2000/ XP/ Vista/ Win-7 Operating Systems.
* User administration (setup and maintaining account).
* Providing support for the systems and performing regular backups and maintaining inventory assets.
* Monitoring the systems and network efficiency.
* Developed organizational units in Active Directory (AD) and managed user security with group policies.
* Configured systems for multipurpose development, configuration management and testing environments.
* Maintained Microsoft Exchange e-mail accounts and public folder access through Microsoft Exchange System Manager.
* Installing and upgrading of packages and patches configuration management, version control, service pack and reviewing connectivity issue regarding security problem.
* Administered Windows/Linux servers for several functions including managing Apache/Tomcat server, mail server, and MySQL databases.
* Upgraded and maintained servers, operating Systems and patches.
* Trouble shooting and Configuration of Hardware, CPU Utilization and disk space utilization, User& Group administration.
* Interacted with vendors to manage licensing/maintenance agreements and resolve hardware/software issues
* Reduced costs for project infrastructure by streamlining processes and equipment
* Eliminated costly hardware purchases
* Tested software before purchases while continually reviewing IT budget and approved invoices.
* Administrator of GotoMeeting, Atlasin Tools, Office365, Active Directory, Firewall Management.
* Maintained and updated any needed system procedures and documentations
* Provided technical support and educated users on new computers, equipment and software.
* Managed the day to day IT troubleshooting for users both locally and remotely.
* Responsible for the installation of software’s like antivirus, MS-office etc.
* Configuration and troubleshooting of desktop, network, printers.
* Cabling and connecting Network devices (Hub, Switch, and Router).
* Remotely connecting resolving the issues with the RDP, PC Anywhere, Any Desk and Team Viewer.

**Company: 02**

 **Organization** : Uber Tech Labs Pvt Ltd.,

 **Project : INTELLIBOT (RPA PRODUCT)**

 **Team Size** : 25

 **Role** : System Engineer

**Period** : Feb 2020 to Oct2020.

**Accountabilities as System Engineer:**

* Installation, troubleshooting and configuration of Windows 2000/ XP/ Vista/ Win-7 Operating Systems.
* Responsible for creating VM’s and configuring with as per team requirements
* Responsible for configuring VM’s with multiple OS and different type of applications like PSQL,PHP.
* Responsible for creating database replications as required.
* Responsible for creating and maintaining IIS Server for preprod and as well as Production for application deployment.
* User administration (setup and maintaining account).
* Developed organizational units in Active Directory (AD) and managed user security with group policies.
* Trouble shooting and Configuration of Hardware, CPU Utilization and disk space utilization, User& Group administration.
* Interacted with vendors to manage licensing/maintenance agreements and resolve hardware/software issues
* Reduced costs for project infrastructure by streamlining processes and equipment
* Eliminated costly hardware purchases
* Tested software before purchases while continually reviewing IT budget and approved invoices.
* Administrator of GotoMeeting, Google mail Account, Active Directory and Firewall Management.
* Maintained and updated any needed system procedures and documentations
* Performed routine maintenance and updates on all centre computers, cameras as required.
* Provided technical support and educated users on new computers, equipment and software.
* Managed the day to day IT troubleshooting for users both locally and remotely.
* Admin for the installation of software’s like antivirus, MS-office etc.
* Configuration and troubleshooting of desktop, network, printers.
* Cabling and connecting Network devices (Hub, Switch, and Router).
* Remotely connecting resolving the issues with the RDP, PC Anywhere, Any Desk and Team Viewer.

**Personal Details:**

 **Father’s name** : Bhagavan Neti

 **DOB :** 23-08-1995

 **Passport No :** M7618727

 **Permanent Address : Door No: 4-16/2,**

 **Gollapalem,**

 **Kajuluru Mandal,**

 **East Godavari District,**

 **Andhra Pradesh, 533468.**

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