Mahesh Konda

AWS Consultant

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Hyderabad, TS, India

PROFESSIONAL SUMMARY

- IT professional with around 12+ years of total experience and 3 years into Public Cloud (AWS) foundation design and implementation, also expertise experience in the Mail servers, Network administration, Network tracing, Database optimization and Virtualization
- Have hands on experience in designing and implementing public cloud solutions for clients.
- Part of architectural discussions and implementation of migration processes.
- Worked as Level 4 support engineer leading Major Incidents and Swats and by providing hotfixand RCA
- Worked on Netapp and samba servers responsible to maintain stability on the noisy servers
- Worked on puppet to upgrade and push updates on the samba server and manage security policies
- Worked on VMware vSphere clustered environment by managing VM's on different geographic locations
- Worked on Enterprise application implementation, upgrades and production support.
- Worked in a client facing role as a single point of contact for all the technical issues related to implementations, upgrades and production support.
- Installation, configuration of Active Directory, DNS, DHCP, FTP, IIS, Mail
- Planning and design implementation experience on VMware Software defined datacenter
- Experience on Monitoring, Application and Patch Installations and OS Upgradations
- Worked on CPanel, Plesk, and Website Panel Mail Server (Exchange, Postfix, Exim, Qmail Zimbra).
- Expertise knowledge on shell and PowerShell

TECHNICAL SKILLS

- **Cloud Technologies:**
  AWS, Azure, Devops, Kubernetes, Docker, Git, Cloud Build, Terraform, ansible, Jenkins, puppet, Infrastructure Migration, Architecture and Design, Server and Database Optimization

- **Operating Systems:**
  Windows & Linux Distributions

- **Virtualization:**
  VMware, ESX, ESXI, and Citrix

- **Database Technology:**
  MYSQL, Microsoft SQL Server 2008/2008 R2, 2012, 2014 and 2016, DB2

- **Storage and backup:**
  Netapp, Samba, CIFS, R1 soft Backup, Actifio

Others:
- WAF, Sonorqube, OWASP, MGN, Matilda,Graphite/Gaphana/cloud watch, MS IIS, Apache, Active Directory, Palo Alto, Nagios, Solarwinds, Deepmetrix, IPmonitoring

EDUCATION

- B.sc [Computers] from EIILM, graduated in 2010

PROFESSIONAL CERTIFICATIONS

- AWS – Solutions Architect (valid till 27 May 2022) Validation number & link: **R2S0P2Y1BNR41MKQ**
  https://aw.certmetrics.com/amazon/public/verification.aspx
- ITIL Foundation Certified: **GR750417018MK**

EMPLOYMENT HISTORY

Tata Consultancy Services App SRE -- SME	July 2022 – Nov 2023
Invesco Level 4 Support Engineer (SRE)	Dec 2017 – June 2022
Sutherland Healthcare Solutions Hyderabad Senior Implementation Engineer	Oct 2016 – Dec 2017
Arthanet Support Center (Expert Host, Ottawa, USA) Senior Engineer II	May 2014 – Oct 2016
Runcode Software Solutions Pvt Ltd. Hyderabad Engineer II	Aug 2012 – Jan 2014

<u>TCS</u>: Led the migration of applications and servers from on-premise to the cloud, ensuring a seamless transition. Also part R&D team improvise and application for better performance and optimisation and vulnerability scanning and fix. Actively participated in architectural discussions and design exercises to automate and optimize migration processes.

Technologies: AWS, Devops, Kubernetes, Unix, Terraform, Jenkins, Docker Etc...,

Role: APP-SRE

Responsibilities/Accomplishments:
- Migrated complex environments on-premise environments to cloud
- As part of discovery during the migrations identified critical applications to ensure seamless migrations
- Implemented the AWS Design, created Folders, Projects, VPC Networks, Firewall rules
- Worked on enhancing the application to discover legacy applications

Invesco: Part of Level 4 Support Engineering team (SRE) supporting the development and Engineering teams by doing deep dive analysis and providing RCA and Permanent fix for the Hot items. Acting proactively by joining Swat's and Major Incidents and taking ownership of the issues by setting up alerts.

Technologies: AWS, Devops, Palo Alto, Windows, Unix, VMware, Citrix, Xenapp, Samba, Netapp, Network Etc...,

Role: SRE (Stability Resilience Engineer)

Responsibilities/Accomplishments:
- AWS Foundation and Data Migration
- Worked with Business partners in Cloud requirements gathering and analysis
- Configured Auto scaling for autosys servers
- Implemented the AWS Design, created Folders, Projects, VPC Networks, Firewall rules
- Migrated the on-premise databases to AWS Cloud SQL instances, files to Cloud Storage buckets.
- Created Container Clusters on Google Kubernetes Engine and ran Docker Containers.
- Setup and automated deployments using CI/CD pipelines.
- Created monitoring dashboard's, configure alert policies, add notification channels.
- Implemented App Dynamics on AWS to actively monitor, analyze and optimize complex application and environments.
- Implemented Splunk to capture and reduced troubleshooting hours and created dashboards to actively monitor critical applications
- Worked on VM Rightsizing and responsible to rightsized the VM's by decreasing excess resources allocated and increasing the performance.

Sutherland Health Care Solutions: Worked as Quality Analyst in Deploying the application and upgrading the servers to latest version, migrating the SQL and Windows servers. Troubleshooting issues post upgrade support on application and server level issues.

Technologies: MS Windows Server, MS SQL Server and IIS

Role: Senior Implementation Engineer

Responsibilities/Accomplishments:
- Worked on the implementation and upgrade of an enterprise EHR application and its surround solutions for US Healthcare clients.
- Worked on parallel and in-place upgrade of client's production and non-production environments.
- For parallel upgrades worked on build of new Database (SQL Server 2012/2014) and Web servers (IIS 8.0).
- Worked on import/export of SSL Certificates and configure the IIS bindings
- Migrated SQL server databases, logins and jobs from current prod servers (SQL Server 2008/2008R2) to new pre-prod servers (SQL Server 2012/2014) and changed the application pointers.
- Implemented SQL Database backup jobs, maintenance plans and Reindexing jobs.
- Worked on identification of Performance issues and delivered fixes to improve overall performance.
- Automated Upgrade Process and quality checks decreased upgrade time from 10+ hours to 6+ hours

Arthanet Support Center (ExpertHost): Worked as a System Administrator for Windows, Linux, VMware as an Engineer II. My primary roles are to address the issues of VPS Dedicated Servers of Managed Customers. Troubleshooting Mail Server, Active Directory, Spam Assassin, related issues. Performing Migrations, Upgradations of the services for the customers. Extend the support by any means possible (Phone, Email and Remote). Worked on Parallels POA, Plesk, Cpanel, and migration or upgradation of services between the panels. MySQL, MSSQL and other Database server installation, Upgradation, Backup related tasks.

Technologies: MS Windows Server, Unix, VMware, MSSQL, MYSQL, Mail servers, Datacenter, Hosting, Containers, IIS and Apache.

Role: Senior Engineer II

Responsibilities/Accomplishments:
- Upgraded the 2003 server environment to 2008 server
- Migrated Active Directory server from 2008 to 2012
- Automated manual tasks in Mail Servers and Shared severs and increased uptime by 20 percent
- Automated Migration process using shell scripting and migrated 200+ containers to Virtual Machines
- Implemented soft firewall on Mail servers to avoid spamming

Runcode Software Solutions Pvt. Ltd: Worked as Technical Support engineer supporting technical issues in kiosk identifying technical issues trouble shooting the issues through RDP access. Performing deploying new versions of kiosk taking backups of the kiosk and maintaining server.

Technologies: MS Windows Server, MSSQL, Windows server, IIS and XML.

Role: Engineer II

Responsibilities/Accomplishments:
- Installation and hardening for MSSQL server
- Creating databases and taking backup of databases
- Troubleshooting application and monitoring health of the servers
- Deploying new releaseto kiosk machines debugging the XML code.

PERSONAL DETAILS:

Name	:	Mahesh K
Father's Name	:	Veeranna K
Date of Birth	:	06/05/1990
Sex	:	Male
Marital Status	:	Married
Nationality	:	Indian
Languages Known	:	English, Hindi and Telugu.
Extra-Curricular Activities	:	Browsing internet, Chatting.