**Shaik Mahaboob Basha AWS_Certified_Logo_SAA_294x230_Color.jpg**

**Linux Administrator – DevOps Engineer**

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**Summary:**

* Over 4.8 years of total experience in IT industry comprising of Linux administration, configuration management, DevOps Engineering and cloud platform using Amazon Web Services, web/application servers tomcat and weblogic administration.
* **AWS certified Solutions Architect having more than** **2 years** **of hands on experience in** **Amazon Web Services cloud support and DevOps methodologies.**
* Strong believer of DevOps methodologies and working towards an AWS DevOps engineer position, who can bring an end to end work flow of Continuous Integration, Continuous Delivery and Continuous Deployment process for an organization.
* Proficient in **Amazon Web Services VPC, EC2, S3, IAM, RDS, Route53, Cloud formation, Cloud Watch, Dynamo DB and Elasticache.** Familiar with AWS Command line interface.
* Experience in working with AWS EC2 resources like Volumes, Key pairs, Placement Groups, Elastic IPs, Snapshot’s, Load balancers and Security Groups.
* Expertise in implementing **AWS cloud formation** by using pre defined templates.
* Experience in **Jenkins CI/CD tool** for application integration and deployments.
* Extensive experienceinusing **MAVEN and ANT** as a Build Tool for the building of deployable artifacts (war & ear) from source code.
* Handily Docker containers by configuring docker files and creating docker snapshots, attaching to a running container, removing images and managing containers.
* Handled Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configurations.
* Good exposure in configuration management and automation tools like Ansible and CHEF.
* Strong knowledge in configuration and administration of **GIT/GITHUB.**
* Experience in **Redhat Enterprise Linux Administration.**
* Hands on experience on remote tools **SSH, SCP, Winscp and Putty.**
* Experience in managing DNS, LDAP, FTP, Tomcat Apache web servers in Linux environment.
* Handily weblogic server and Apache Tomcat server for post deployment support.
* Familiar with ITIL process, Software Development Life Cycle (SDLC) and Agile methodologies.
* Experience in providing **24/7 tier1, tier2** technical support for middleware application servers.
* Hands on experience in performing day to day activities and resolving issues related to user management, server performance, disk usage and VMpatching.
* Handily HP iLO and Dell iDRAC for remote administration.

**Professional Certifications:**

* **AWS Certified Solutions Architect - Associate**

**Technical skills:**

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| Operating Systems | Windows 7, Red Hat Enterprise Linux 5.X,6.X and 7.X, Centos, Windows server 2008 |
| Tools / application servers | Apache , IIS, Weblogic |
| Cloud technologies | Amazon Web Services (AWS) |
| Virtualization Platforms | VMware Vcenter , Docker, vagrant |
| Configuration Management tools | Ansible, CHEF |
| Version control tools | GIT / GITHUB |
| CI tools | Jenkins / Hudson |
| Build tools | Maven and Ant |
| Databases | Oracle 11G ,Sql Server and DynamoDB |
| Service desk tools | Service Now |

**Professional experience:**

1. Currently associated with **Devaki technologies India Pvt. Ltd,** Hyderabad since November 2017.

**Role: DevOps Engineer**

* Worked individually and in cross-functional teams with product management, engineering, **DevOps**, and business units to build security, reliability, and scalability into the development lifecycle.
* Configured & Provisioned AWS EC2 Cloud instances using AMI's like (Linux/Centos) and configuring the servers for specified applications using Chef.
* Handled EBS and S3 storage service by performing tasks like buckets creation, folder navigation, property changes and data migration activities.
* Involved in IAM configuration by creating new IAM users & groups, defining roles and policies.
* Involved in the integration of Amazon Cloud Watch with Amazon EC2 instances for monitoring the log files store them and track metrics.
* Involved in configuration of trigger points and alarms in Cloud watch based on pre-defined thresholds and log monitoring.
* Involved in configuration and integration of the servers with different environments.
* Coordinate with developers to establish and apply appropriate branching, merging conventions using GIT source control tool.
* Configured and maintained Jenkins to implement the CI process. Integrated the tool to schedule the builds and automate the deployment on the target servers using the “code deploy” plug-in.
* Handily the Setup activity from scratch Continuous Integration (CI) environments using Jenkins complete with automated unit testing and Code Coverage tools.
* Implement, maintain and support reliable, timely and reproducible builds for project team.
* Involved in development of Docker images to support Dev and QA teams and their pipelines.
* Handily installation and implementation activities of Ansible configuration management system.
* Worked on Ansible to manage Web applications, Environment configuration Files, Users, Mount points and Packages.
* Handled installation and configuration of Web Application servers Apache, Tomcat and Web logic.
* Extensive knowledge on CHEF concepts like chef server, workstations, Nodes, chef clients and various components like push jobs, super market.

1. **HCL Systems Private Limited, Hyderabad June’ 2013 – October’ 2017**

**Project#1:**

**Project : Silverlake Digital Economy.**

**Role : Cloud Support Engineer - AWS**

**Duration : December 2015 to October 2017.**

**Responsibilities:**

* Extensive coordination with the onsite team and project group to understand their specific project requirement.
* Extensive coordination with Development, Database Administration, QA, & IT Operations to ensure no resource conflict.
* Deploy and monitor scalable infrastructure on Amazon web services configuration management.
* Involved in engineering automation and productivity tools to streamline and scale applications in the production environment.
* Involved in creating AMI images of critical EC2 instances as backup using AWS CLI and GUI. Automated server/database backups using snapshots and AMI images.
* Ensure all facets of the production infrastructure are available and healthy on a 24x7 basis.
* Handled Cloud Watch to monitor resources such as EC2, Amazon RDS DB services, DynamoDB tables, EBS volumes to monitor logs for a better understanding on system operation.
* Having worked on alerts sent by nagios on various issues related to server availability, disk issues, CPU and memory.
* Involved in deployment and management of AWS services using Ansible.
* Configured Ansible to manage AWS environments and automate the build process for core AMIs used by all application deployments.
* Automate scaling up and down the AWS resources based on traffic demand and process of distributing incoming traffic evenly across projects deployed.
* Involved in managing Linux server administration and VMware infrastructure clusters.
* Manage patches/software upgrades for various flavors of Linux.
* Extensive interaction with client team to understand the deployment requests.
* Participate in weekly Meetings to share Progress and conduct RCA and action plans.
* Involved in managing of environments DEV, SIT, QA, UAT & PROD for various releases and designed instance strategies.

**Environment:** RedHat Enterprise Linux, Ansible, Amazon AWS, EC2, RDS, Windows Server 2012, VMWARE ESXi.

**Project #2:**

**Project : SIT solutions, Austria**

**Role : Linux Administrator**

**Duration : June 2013 to December 2015.**

**Responsibilities:**

* Supported production systems, which involved day-to-day operation and desktop support (Local and remote).
* Worked on ticketing based system wherein we get requests for Change Management, Incident Management and Standard Service requests.
* Involved in resolving performance, OS patching, server down and network related incidents and updating in help desk ticketing tool.
* Maintained minimum down time in responding to end user related issues and resolving them.
* Monitored and worked on alerts sent by nagios on various issues related to server availability, disk space issues, CPU, memory, processes.
* Handily installation and configuration of RHEL 6 and RHEL 7 on different servers.
* Manage user rights and security implementation through ACL.
* Implementing LVM, Setting Quotas as per the requirement.
* Handled YUM and RPM to install and manage different packages.
* Configured SSH and key based trust relationship and scheduled jobs using crontab.
* Gained expertise in memory, swap space and file system management.
* Actively provided response to alerts in timely fashion as per pre-defined priority levels and SLAs.
* VM creation, Snapshot, Convert retiring physical Network servers to virtual servers P2V.
* Upgrading VM tools and troubleshooting V-Centre server issues.
* Co-ordination with other teams like network, DBA, in the outage calls during outages.
* Worked with team in suggesting, defining and implementing the changes in the environment to meet current requirements learnt from outages.
* Actively participated in Change Advisory Board Meetings and coordinate changes throughout implementation.

**Environment:** RedHat Enterprise Linux, Windows Server 2008 R2, VMWARE ESXi, Java/J2EE, Tomcat, Service Now, SSH, Putty, RDS.