CERTIFICATIONS

[AWS Certified Solutions Architect - Associate (SAA)](https://www.certmetrics.com/amazon/candidate/cert_progress.aspx?cert=1079903)

Work Experience:

* Working as a Sr. Cloud Operation’s Analyst in Accenture Service Pvt. Ltd. Bangalore Feb-2017 to till date.
* Worked as Linux administrator(L1/L2) IBM Pvt. Ltd., Bangalore Jun -2013 to Feb-2017

CORE COMPETENCIES

TECHNICAL SKILLS:

Cloud Services: AWS (EC2, S3, CloudWatch, IAM, VPN)

Configuration Management tools: Ansible.

OS Platforms:  Linux 5/6, Suse linux11/12.

SCM/Version Control Tools:  GIT, Bitbucket.

Web Service Tools:  IIS Server.

CI/CD Tools: Jenkins.

Hard Ware:  Dell Blade Servers, HP Blade Servers, Dell R720/R730.

Ticketing/Bug Tracking: Jira, ServiceNow, SAP ticketing tool.

Virtualization: hypervisors.

Monitoring tools: Nagios, Splunk.

Container Technologies:  Docker. Kubernetes

**Summery:**

* An outstanding, self - motivated professional with around 7+ years of experience in IT industry with major focus on Linux/Unix administration and Software Configuration & Build/Release Management.
* Experience in Linux Administration Installation, Configuration, Tuning and Upgrades of Linux (RedHat and Suse Linux).
* Implemented AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, EBS, Cloud Watch, Autos calling, IAM, S3, R53.
* Worked on cloud-based servers like AWS, SAP Rackspace.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations.
* Extensively worked with Version Control Systems CVS, SVN (Subversion), GIT.
* Extensively worked with automation tools like Jenkins to implement the End-to-End Automation.
* AWS to provision new machines for clients. S3 Storage Services on AWS.
* Server provisioning, automation (Ansible), maintenance and performance tuning
* Hands on experience in installing and administrating CI tools like Jenkins.
* Writing the Ansible YAML playbooks to OS kernel upgrades as per the requirement.
* Supporting for GPFS file system and checking the locality issues in the GPFS cluster.
* Managing application users, Groups and permission and configuring Users and Groups using **SAP tools**.
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes.
* Managed Docker and Docker containerization using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Experience customizing JIRA projects with various schemas, complex workflows, screen schemes, permission schemes, and notification schemes.
* Experience in and demonstrated understanding of source control management concepts such as branching, merging, labeling and integration.
* Experience in building and deploying java and .Net applications and troubleshooting the build and deploy failures.
* Extensive experience in using Build Automation tools like, Maven,Msbuild.
* Good knowledge in managing the Nexus and Artifactory repositories for the maven artifacts and dependencies.
* Experience in maintaining and executing build scripts to automate development and production builds.
* Experience on developing different web applications using Java, .Net.
* Set up Build Infrastructure with Jenkins and Subversion server in AWS.
* Experience in Amazon Cloud (EC2) Hosting and AWS Administration.
* Excellent communication, interpersonal, and analytical skills. Proven ability to learn and rapidly adapt to new challenges.
* Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.

**WORK EXPERIENCE:**

* Professional Experience:
* Environment : DevOps
* Role : Cloud Operations Sr. Analyst
* Duration : Feb-2017 to till now

**Roles & Responsibilities:**

* Providing support for Cloud Micro Services.
* Knowledge on working with infrastructure provisioning and orchestration using terraform.
* Managed Version control system Git and permissions, including branching.
* Supported Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Worked on application deployments and upgrades on Kubernetes.
* Performing smoke test on a Kubernetes Cluster after application deployments or upgrade is completed.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Experience working with CICD implementation a Microservices architecture.
* Deploying Kubernetes Applications with Helm which is a package manager for Kubernetes.
* Working on issues related to Kubernetes persistent volumes (PV) and persistent volume claims (PVC).
* Troubleshooting issues related to control plane and worker failures in Kubernetes cluster.
* Exposure to Kubernetes cluster maintenance by applying patches to master and worker nodes.
* Configuring and managing CPU, Memory resource quotas for Kubernetes pods.
* Analyzing system-wide logs using the ELK Stack (Elastic Stack) Kibana and Elasticsearch in Kubernetes cluster.
* Creating networking policies for the pods as per the user requirements.
* Monitoring a Kubernetes cluster with tools like Prometheus and Grafana.
* Enabled monitoring for server metrics using node exporter and cron jobs using push gateway in Prometheus.
* Handling Alerts in a Kubernetes cluster by notifying Slack Channels.
* Working with Cloud Native Enterprise team to fix issues related to monitoring pods configurations.
* Monitoring critical application pod failures for 10 customers which are spread across the geo using monitoring tool Pager Duty.
* Working closely with Development teams to address the critical issues during outages
* Working with various vendors, to replace Faulty components, Dell hardware.
* Working with sar, vmstat, iostat, netstat performance tools to analyze the performance.
* Configuring & Troubleshooting NFS Servers and Clients, AUTOFS.
* Working with application teams on supporting in Application deployment.
* Writing **build (Maven) and deployment** scripts (Shell) to automate **build** and deployment of the application.
* Streamlined application delivery to get application out to customer faster.
* Deployment **java applications** to application servers in agile continuous integration environment and also automated the whole process.
* Worked on infrastructure with Docker containerization.
* Modified some of the Ansible playbooks as per the environment requirements.

**WORK EXPERIENCE:**

* Professional Experience:
* Environment : Linux Admin
* Role : Senior Operations Professional

1. Duration : Jun-2013 to Feb -2017

**Roles & Responsibilities:**

* Installing and Troubleshooting of Red hat Linux 5,6,7 versions.
* Monitor and manage server availability and resource usage
* File System mounting and un-mounting.
* Monitoring system logs and system performance.
* Scheduling jobs using crontab.
* SSH: generated public and private keys and sharing the keys to other servers as per user’s requirement.
* Installing the Package & patches according to user requirement.
* Monitoring CPU performance, system processes, swap utilization and Disk reports.
* LVM configuration and increasing the size of Logical Volumes and updating the file system.
* Increasing and decreasing the logical volumes (LVM) using TIC SAP tool.
* Creating and Increasing the Volumes and file system size in LVM using TIC SAP tool.
* Managing the system services/daemons.
* Monitoring Virtual memory, adding additional swap space as needed.
* Administration and maintenance of servers using Red hat Linux.
* File System creation and mounting the same as per the requests.
* Install, Update, query and remove software packages with RPM and yum.
* Configuration and administration of networking services.
* System performance monitoring & tuning.
* Performing the Job Automation.
* Experience in Linux Administration Installation, Configuration, Tuning and Upgrades of Linux (RedHat ).
* Good experience on scan the LUNs from Storage and detection.
* Providing RCA to the customers for server unexpected reboots and server hung state.
* Met the SLA's based on incident severities for different types of issues.