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**PROFESSIONAL OBJECTIVE**

Having around 6.5 years of DevOps, AWS Cloud and Linux experience in IT Infrastructure and Hosting based 24X7 support environments. Seeking a challenging role to work in a professional environment that provides opportunity to learn key technologies, be an effective team player in deploying, managing projects and to be an asset for the organization by delivering to the best of my capabilities

# TECHNICAL SKILLS

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| --- | --- |
| **Operating Systems** | Redhat Linux, Ubuntu, Centos |
| **Version Control Tools** | GIT |
| **Source code Management Tools** | GitHub, GitLab |
| **Scripting Languages** | Bash/Shell Script |
| **Databases** | MySQL, Redis |
| **Application/Web Servers** | Tomcat, Jboss/Wildfly |
| **Build Tools** | Maven |
| **Cloud** | AWS EC2, VPC, AMI, Cloud Watch, S3, ELB, IAM,  Autoscaling, Route53, Cloud Front, SNS),RDS (MYSQL), |
| **Configuration Management Tools** | Ansible & Ansible Tower |
| **Continuous Integration** | Jenkins |
| **Containerization and Orchestration** | Docker and Docker Swarm & Kubernetes |
| **Monitoring Tools** | Nagios, Grafana, SGMP, Site24/7 |
| **Artifactory Repository** | Nexus & JFrog |
| **Ticketing Tool** | Jira, Servicenow and Redmine |

**EDUCATION QUALIFICATIONS**

* MBA Master of business administration from Sri Venkateshwara University, Tirupati.

PROFESSIONAL EXPERIENCE

* Worked as Devops Engineer at **SVB**,
* Worked as Sr Devops Engineer at **Envestnet Yodlee,** Bangalore from Nov 2021 to mar 2022.
* Worked as a Devops Engineer at **Comviva Technologies PVT Limited, Bangalore** from Jan 2020 – Nov 2021
* Worked as a DevOps Engineer at **Samsung Research Institute Bangalore** from Oct 2015 - Dec 2019

# PROJECT SUMMARY

**Project #5:**

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| **Project** | SOA Risk Technology |
| **Role** | DevOps Engineer |
| **Environment** | Git, Maven, Ansible, Nexus, GitLab & Ansible Tower |
| **Duration** | April 2022 – February 2023 |

**Roles & Responsibilities:**

# PROJECT SUMMARY

**Project #4:**

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| **Project** | BCP |
| **Role** | Sr. DevOps Engineer |
| **Environment** | Docker, Git, Maven, Jboss, Ansible, Nexus, & AWS Cloud. |
| **Duration** | November 2021 – March 2022 |

**Roles & Responsibilities:**

* Installed and administered various tools like Jenkins, GitHub, Docker, Ansible, Artifactory and executed maintenance tasks such as creating users and groups.
* Deploy latest builds in DR environment using velocity tool.
* Configure Docker DR set up in sdp Services
* Helped the project in creating the company's DevOps strategy in a mix environment of Linux servers along with creating and implementing a cloud strategy based on Amazon Web Services.
* Documented the entire installation process for various tools and provided on-call support.
* Implemented a CI/CD pipeline involving Git, Jenkins, Ansible, and Docker to complete the automation from commit to Deployment.
* Responsible for design and maintenance of the GIT Repositories and performed all necessary day-to-day GIT support for different projects.
* Created and Implemented branching & merging strategy with multiple branches.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Integrated GIT into Jenkins to automate the code check-out process.

# PROJECT SUMMARY

**Project #3:**

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| **Project** | MYMTN APP |
| **Role** | DevOps Engineer |
| **Environment** | Kubernetes(kubeadm&KOPS),Git,maven,Tomcat,Ansible,Nexus,Shellscripting, Slack, & AWS Cloud. |
| **Duration** | January 2020 – Present |

**Roles & Responsibilities:**

* + Experience in Docker container orchestration/managing tools like **Kubernetes.**
  + Good experience in setting up Kubernetes cluster using Kubeadm and KOPS, EKS
  + Good experience in setting up kubernertes objects like deploymnets, statefulsets, services, Configmaps, secrets, Horizontal Pod autoscaling using the metrics server installed into the clusters.
  + Good experience in maintaining different namespaces in Kubernetes.
  + Setup and maintaining multi Master API servers on Kubernetes Cluster using KOPS
  + Experience in creating Service accounts, RBAC, Role & Cluster Role Binding
  + Good debugging and troubleshooting techniques in Kubernetes and Docker.
  + Scheduled, deployed and managed pod/container replicas onto a node in K8’s Cluster.
  + Created reproducible builds of the Kubernetes applications, managed manifest files; releases of Helm packages.
  + Experience in managing Kubernetes charts using Helm.
  + Created Pods in Kubernetes and monitored the health of pods using Helm charts.
  + Created Pods in Kubernetes for Web Servers like **Apache2, Nginx** and application servers like **Tomcat, Jboss/Wildfly** and **Wordpress** application.
  + Hands on experience in configuring and updating the servers using configuration management tools like **ANSIBLE** and writing playbooks using modules
  + Good experience in **Docker** like creating **Docker Images** and **Docker Containers**

using custom dockerfiles.

* + Experience in using **Nexus and ECR** as docker image registry.
  + In-depth understanding of the principles and best practices of **Software Configuration Management** processes, which include compiling, packaging, deploying and application configurations.
  + Excellent communication, team membership and relationship management skills.
  + Ability to work closely with teams, to ensure high quality and timely delivery of builds and releases.

# Project #2:

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| **Project** | Samsung Health, Penup App |
| **Role** | DevOps Engineer |
| **Environment** | Linux,AWSCloud,Git,Maven,Jfrog,Jenkins,Tomcat,Jboss/wildfly,Ansible,  Docker,Dockerswarm,Shellscripting,Nagios,Grafana ,RDS(mysql),SNS, Slack, Jira, Pager duty, ServiceNow. |
| **Duration** | Jan 2017 -Dec 2019 |

**Roles & Responsibilities:**

* + **DevOps Engineer** for a team that involved different development teams and multiple simultaneous software releases.
  + Developed and implemented software release management strategies for various applications according to the **agile process**.
  + Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases .
  + Maintaining the Source Code Management **Github.**
  + Configured the **Maven** build tool for creating the **jar**, **war** and **ear** artifacts in **Jenkins**.
  + Created build and deployment jobs in **Jenkins** for various components
  + Created CI/CD pipelines by integrating **GitHub, Maven, Jenkins, Nexus**
  + Configured local **Maven** repositories with **Nexus** repositories and scheduled projects in

**Jenkins** for continuous integration.

* + Used **Maven** dependency management system to deploy snapshot and release artifacts to **Nexus** to share Responsible for running different types of static analysis, code coverage and unit tests from the CI server.
  + Administered and Implemented CI tool **Jenkins** for automated builds.
  + Deploying, configuring, maintaining, a Master and Slave machines using **Jenkins**
  + Experience in **WildFly** application server for building and deploying enterprise Java EE applications with support for new features.
  + Responsible for daily and nightly builds/deployments.
  + Interact with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
  + Good Experience in **Docker** like creating **Docker Images, Containers,** and **pushing** to

# Nexus Repositories.

* + Hands on experience in Ansible, Written Simple **Ansible** YAML scripts to configure the

servers

* + Worked within the **AWS** Cloud for integration processes.
  + Experience in configuring secure **VPC** through private and public subnets in AWS
  + Configured **Auto Scaling** policies to scale up/down **EC2** instances based on **ELB**

health checks and created alarms to be used in auto scaling decision making policies.

* + Setting up instances in different environments like dev, test, prod and setup required configurations like VPC and security groups, load balancer, creating events through the CloudWatch and triggering alarms through notifier.
  + Utilized Linux Admin skills on deployment servers to make sure the servers are up and running as expected.

# Project #1:

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| **Project** | Samsung S-Voice |
| **Role** | System Administrator |
| **Environment** | Redhat Linux, AWS Cloud, Service now, nagios, Mysql, cloud watch |
| **Duration** | Oct 2015 to Jan 2017 |

**Roles and Responsibilities:**

* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Centos/Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Launching Linux Servers on Amazon cloud (EC2, EBS, ELB, Security Groups and IAM) using custom AMI.
* Create buckets on S3 (CLI) to store the logs backup, upload images for CDN serve.
* Installed application on AWS EC2 instances and also configured the storage on S3 buckets.
* Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.
* Creating new partition and mount permanently as per service request.
* Good Experience in User and group administration.
* Setting up password less authentication for application and DB common users.
* Restart apache tomcat service as part of request from application team.
* Providing super user commands access to normal users using sudo.
* Monitoring server performance using TOP.
* Reset password and share separately with end user.
* Co-ordinate with end users for unable to login issue.
* Installing, upgrade and downgrade packages in Linux environment.
* Revoking users from servers as per service request.
* Scheduling the jobs and analyzing the Cron jobs status.