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# PROFESSIONAL SUMMARY

* Solutions focused System Software Engineer with 6 years of experience in DevOps, Build, Release, Software Configuration Management, deployment and Tool Engineering in agile environments.
* Responsible for designing and implementing cloud-based solutions for public cloud deployment models.
* Worked in EC2, S3, ELB, Route 53, Cloud watch, IAM & Roles, Auto scaling, RDS.
* Design highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
* Building Customized AWS IAM policies based on the user requirements.
* Used Amazon RDS to manage, create snapshots, and automate backup of database.
* Installing configuration and maintenance of Web servers (apache), App Servers (Tomcat).
* Experience in using Version Control Tool Git, Application Deployment & Environment configuration using Puppet and Ansible.
* Experience with Continuous Integration and Continuous Deployment methodologies using Jenkins.
* Experience in Building Docker container images and Container Orchestration with Kubernetes

# TECHNICAL SKILLS

**Cloud Platform** : AWS, VMWare.

**Cloud Services** : EC2, S3, RDS, Elastic Beanstalk, Lambda, VPC, Route53, IAM, RDS, Cloud Formation,

Cloud Front.

**Configuration Management** : Puppet, Ansible.

**Database** : DB2, MySQL.

**Container Orchestration Tools** : Docker, Kubernetes.

**Atlassian Tools** : Jira, Confluence.

**Version Control Tools** : GIT, GIT Hub.

**SDLC** : Agile, Scrum, JIRA.

**Scripting Languages** : Bash, Shell Scripting.

**Operating Systems** : Linux, WINDOWS, CentOS, Ubuntu.

# WORK EXPERIENCE

**Cloud Engineer - DXC Technologies – [**Feb 2020 – Feb 2021**]**

Responsibilities:

* Used security groups, IAM roles, load balancers, Monitored EC2 instances with Cloud Watch.
* Used DNS management in Route53, Amazon S3 to backup database instances to save snapshots of data.
* Involved in designing highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs**.**
* Provided highly durable and available data by using S3 data store, Versioning, Life Cycle Policies and created AMIs**.**
* Written Terraform templates to run the AWS EC2 instances.
* Install and configure Apache Tomcat on Red hat Linux, Ubuntu and Amazon Linux instances.
* Written Ansible Playbooks for installing operating systems, installing Software, web applications in AWS EC2 instances.
* Carried out deployments and builds on various environments using Puppet continuous integration tool.
* Used GitHub repository to run Jenkins job for Continuous Integration.
* Configured and managed Git plugins in Jenkins server.
* Implement a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI's.
* Managed Docker orchestration and Docker containerization with Kubernetes.

**Senior Software Developer - Future Focus Infotech Pvt Ltd – [**Nov 2018 – Jan 2020**]** Responsibilities:

* Installation of patches and packages using RPM and YUM in Linux.
* Responsible for setting up cron jobs scripts on production servers.
* Installed and configured Apache / Tomcat web server.
* Written shell scripts for automating logs backup, archiving etc.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups optimized volumes and EC2 instances.
* Experience involving configuring S3 versioning and lifecycle policies to and backup files and archive files in glacier.
* Preparing custom AMIs for implementing Auto Scaling.
* Configuring backups for RDS instances.
* Managing IAM accounts (with MFA) and IAM policies to meet security audit & compliance requirements.

**Software Engineer – Avast Technologies Pvt Ltd – [**Jan 2015 – Nov 2018**]**

* Experience in designing roles and groups for users and resources using AWS Identity Access Management (IAM).
* Plan, deploy and monitor AWS Instances using AWS Cloudwatch service.
* Deploy LAMP based applications in AWS environment.
* Providing day-to-day user administration like Adding or Deleting Users, Password Aging.
* Installing/updating of software packages using YUM and RPM. Experience in Using YUM Repository.

# EDUCATION

* + Bachelors in Electronics & Communication Engineering from Aurora’s Engineering College (JNTU) Hyderabad in 2014.
  + Board of Intermediate in MPC from Narayana Junior college in 2010.
  + SSC from Loyola Model High School in 2008.