

# NUTAKKI SHIVA RAMA KRISHNA

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## PROFILE

Works well under pressure and consistently meets deadlines and targets while delivering high quality work. Experienced in **AWS Services|DevOps** who is highly organized and efficient in fast-paced multitasking environments; able to prioritize work effectively to accomplish objectives with creativity, enthusiasm and humor.

## TECHNICAL SKILLS

<b>CLOUD:</b> AWS	S3, Glacier, IAM, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation,	Lambda, Route53, SNS, SQS, API Gateway, Elastic Search, etc.	<b>OTHER SERVICES:</b> Linux, MySql, Git, Jenkins, docker, Ansible	<b>Ticketing Tool:</b> Jira <b>Operating System:</b> Red hat ,Linux.
<b>AWS Services:</b> EC2, Elastic Beanstalk, VPC,RDS,				

## AREA OF PROFICIENCY

- Hands-on experience on implementing Cloud Solutions using various AWS Services including EC2, VPC, S3, Glacier, EFS, Lambda, Directory Services, Cloud Formation etc.
- Hands-on experience on Architecting and securing the Infrastructure on AWS using IAM, API Gateway, Cloud Watch, Security Groups, NACL etc.
- Experienced in designing cloud models for Infrastructure-as-a-service(IaaS), Platform-as-a-service(PaaS), and Software-as-a-Service(SaaS).
- Good knowledge of projects using SQL Server & SQL.
- Designing and deploying scalable, highly available, Secured and fault tolerant systems on AWS.
- Selecting the appropriate AWS service based on data, compute, database, or security requirements.
- Identifying appropriate use of AWS Architectural best practices.
- Configuration/Installation, file System Management, User Administration, System Monitoring, Automated task, Troubleshooting.
- Configuring the private repository for accessing the packages with yum.
- Applying Access Control List (ACL's) on the files in order to allow multiple users to access a particular file or directory in which they are having limited permissions.
- Creating and managing user accounts, groups and access levels using SUDO.
- Much exposure on Production support.

## PROFESSIONAL EXPERIENCE:

Tech Mahindra BPO Limited : Dec 2015-16

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## **Roles & Responsibilities:**

- Completed 1 year as an Associate analyst-HERE GIS in Tech Mahindra.
- Hands on work experience with Arc-GIS, Atlas-Bison and Auto Cad-2016.
- Digitized GIS data and manipulated spatial data to meet client's needs.
- Worked as Quality Control for one of the projects (Pedestrian, Germany)
- Received many accolades from management for one of our projects (pedestrian-UK, France, Germany) which got output 100%.

## **Infosys BPM Limited : July 2017- present**

### **AWS Solution Architect**

- Designing and implementation of public and private facing websites on AWS Cloud
- Responsible for Creating AWS IAM Users, Policies, Groups etc.
- Focusing on high-availability, fault tolerance, and auto scaling using AWS Cloud Formation
- Configured and managed various AWS Services including EC2, RDS, VPC, S3 buckets, Glacier, Cloud Watch, Cloud Front, Route 53 & creation of subnets and all other operational tasks.
- Written various Lambda services for automating the functionality on the Cloud
- Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud
- Create AMIs for mission critical production servers for backup
- Proficient in writing Cloud Formation Templates (CFT) in YAML format to build the AWS services with the paradigm of Infrastructure as a Code.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC
- Used security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment
- Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application
- Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- Experienced in creating RDS instances to serve data through servers for responding to requests
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances

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### **DevOps Engineer**

- Having 2 years of experience as a DevOps engineer in 24x7 support environment.
- Creating docker images from Docker file and creating containers, maintain and monitor the docker containers.
- Tagging the docker container images, pushing to the docker hub.
- Creating multiple Jenkins jobs like freestyle, pipeline and parameterized jobs.
- Creating master and slave configuration in Jenkins and administration of the Jenkins.
- Pushing the configuration changes to multiple EC2 machine using Ansible playbook.

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## EDUCATION AND QUALIFICATION

**B.Tech** : Malla Reddy engineering college in 2015

**Intermediate** : Sri Chaitanya jr & sr college in 2011

**S.S.C** : Bhashyam public school in 2009

## DECLARATION

I hereby declare that the above mentioned information is true to the best of my knowledge.

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