

# YELLAREDDY NAGAM

Bangalore, Karnataka

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## Professional Summary

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- A dynamic technical services professional with 4+ years of experience in handling Web hosting infrastructure and Cloud technologies.
- Having good skill in Cloud computing (AWS) and Linux for delivering successful IT infrastructure.
- Involved in designing and deploying applications utilizing AWS stack (including EC2, VPC, Route53, S3, RDS, Cloud Front, Code Deploy, Cloud Formation, IAM, SNS) focusing on high-availability, fault tolerance and auto-scaling.
- Deploying and Scaling high traffic web applications services on EC2 instances using Auto-scaling and ELB.
- Worked in creating and managing the S3 buckets with required policies and maintaining lifecycle polices based on the usage.
- Worked in creating and managing the database instances, deploying reliable (HA) database using multi-AZ's, scalable database and Read Replicas, Automated backup and restore.
- Creating Load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
- Monitoring server's thorough Amazon Cloud Watch and SNS.
- Good knowledge in using AWS Identity and Access Management for creating and assigning groups, roles, resources, and users.
- Worked in creating and managing the AMI and provisioning the instances through the images.
- Creating VPC, Subnets, NAT Gateway, Route tables, ACL, EIP and security groups for hosting EC2 instances and databases in an isolated environment.
- Creating and managing the EBS volumes.
- Good experience in creating and attaching EFS server.
- Hands on experience in various Linux flavors like Red Hat, Ubuntu.
- Utilizing Amazon Glaciers to achieving the data through life cycle management.
- Basic knowledge in Amazon KINESIS, SQS services, Container services and migration services.
- Good experience in DNS, NFS and RAID
- Working experience in Disk administration using LVM and SWAP space management.
- Good knowledge on Installation packages by using RPM and YUM.
- Having experience in installation and configuring SSH to enable secure access to the servers.

- Troubleshooting user log-in issues and performance issues.
- Experience in scheduling various regular and periodic tasks by using crontab.

## Technical Skills

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Cloud Platforms :	<ul style="list-style-type: none"> <li>• Amazon Web Services</li> </ul>
Operating Systems / Services :	<ul style="list-style-type: none"> <li>• Red Hat Linux</li> <li>• Ubuntu</li> </ul>
Middleware Tools :	<ul style="list-style-type: none"> <li>• IBM Websphere application server</li> </ul>
Programming / Scripting :	<ul style="list-style-type: none"> <li>• Python</li> <li>• HTML</li> </ul>
Other Skills :	<ul style="list-style-type: none"> <li>• Docker</li> <li>• Git</li> </ul>

## Work History

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Company Name : *Wipro Technologies*

Payroll : *Handcraft Software Solutions Pvt. Ltd.*

Client Name : *Cooper Cameron*

Duration : 2 Years [Oct – 2015 to till date]

Role : AWS Administrator

Responsibilities :

- Deploying / Managing overall cloud environment on AWS (EC2, ELB, S3, VPC, IAM, Route53, Security Groups, Cloud Formation, Code Deploy)
- Monitoring using Amazon cloud Watch
- Enterprise Architecture – responsible for developing and delivering Architecture, Platform and Service offerings.
- Building scalable production systems using Load balancers (ELB), Auto-scaling and cache services
- Creating and managing users, groups, and permissions using AWS identity and Access Management services.
- Monitoring AWS environment using specialized alarms and Amazon cloud watch.
- Designing and deploying instances on a highly secured, network isolated environment using Amazon VPC.
- Configuring IAM roles for EC2 instances, assigning policies and granting necessary permissions and access level all AWS services.
- Customizing and creating AMI for replicating into multiples instances.
- Creating SNS notifications and assigning ARN to multiple AWS services.
- Installing applications on AWS EC2 instances and configuring the storage on S3 buckets.

- Setting up AWS RDS services with high availability, fault-tolerance and automatic backups.

Client Name : Lloyds Pharmacy

Duration : 2 Years [Sep – 2013 to Oct - 2015]

Role : Linux Administrator

Responsibilities :

- As a team member handling requests from the client which comes as incident, change request, service request part of BAU activities.
- Security Patching, minor and major version upgrade of servers manually.
- Identifying Problems (re-occurring issues or from Major Incidents), logging them with process and resolving the problems post root cause analysis.
- Controlled and managed Users and Groups.
- On-call support (24/7), Monitoring and maintaining Production Servers.
- Centralizing the logs for trouble shooting the issues.
- Installing the packages through RPM and YUM.
- Configuring and managing RAID levels.
- Also managed File system mounting, Scheduling Jobs and SSH for Remote login.

## Education

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- B.E (Electrical and Electronics Engineering) – 2013  
R.M.D Engineering College – Anna University, Chennai

## Accomplishments

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- Got 'Quick Learner' award for the year 2015 in Wipro Technologies
- Got 'Outstanding Performer' for the year 2016 in Wipro Technologies

Place : Bangalore

Date : 01/11/2017

Yellareddy Nagam