**P NAGENDRAREDDY**

E-mail: nagendra.aws58@gmail.com

Mobile: +91 **7013519772**

**Summary:**

3+ Years of DevOps/AWS Administrator experience in IT Infrastructure and Hosting based 24X7 supports Environment. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills

**Technical Skills:**

* Worked on Amazon Web Services (EC2, ELB, VPC, S3, Cloud Front, IAM, RDS, Route 53, Cloud Watch, SNS,).
* Experience in using tools like **Jenkins, Chef, SVN, Maven** Strong knowledge on integrations.
* Installed and Setup Web Servers (Apache and Tomcat), DB Server (MySQL).
* Installed and Setup MySQL (Master and Slave) Server, Multiple MySQL Instance with different port.
* MySQL Database security, creating users and managing permissions.
* Server's, Domain's and Database's migration on Amazon Web Services.
* Installed and Setup Git/SVN Repository (Version Control System) at client side.
* Log Analysis, Maintaining documents of production server error log's reports.
* Providing data for weekly and monthly report to senior management.
* Monitor Production Server Health of different parameters (CPU Load, Physical Memory, Swap Memory, Hard disk, MySQL service, Http service and response time) via Cloud Watch
* Manipulation of shell scripts; PHP scripts and java scripts during migration and db connection.
* Scheduling jobs using crontab;
* Managing DNS Records. Applying security policy with Arno's IP tables

**Skill Set:**

Programming Languages : **Java, PHP, SQL**

Scripting Languages : **Perl, Shell (Basics)**

Cloud Platform : **AWS**

Version Management Tools : **SVN**, **GIT**

Integration Tools : **Jenkins**

Build Tools : **Maven**

Configuration Management Tools : **Chef**

Monitoring Tools : **AWS Cloud Watch**

Others : **Microsoft Excel, Advanced excel**

**Professional Experiences:**

* Internship program with Data-pro Technologies at Nellore from Dec 2014 to June 2015.
* Working with **CAPGEMENY** from Nov 2015 to Jan 2018.

**PROJECT PROFILE# 1**

**Client: Yatragenie July 2015 – Dec 2016**

**Location: Nellore, Hyderabad**

**Role: AWS/devops Engineer**

**Project Title: Yatra-genie travels**

**Client Description:**

Yatra-genie travel tickets and maintenance. Yatra-genie App maintenance. Cost exploration and CI/CD .Server monitoring, Production enhancement and well maintenance.

**Project Description:**

Common Ground Infrastructure project is creating a virtual software platform, a central code, artefact repository, and a unified platform for Quality Build and Deployment assurance and performance testing. The project will also put into place a social enterprise solution to support and encourage collaboration and knowledge sharing among software development teams.

**PROJECT PROFILE# 2**

**Client: Halliburton Jan 2017 – Jan 2018**

**Location: Houston, Texas**

**Role: DevOps/Release Engineer**

**Project Title: Common Ground Infrastructure**

**Client Description:**

Halliburton Energy Services provides products, services and integrated solutions for oil and gas exploration, development and production. Capabilities range from initial evaluation of producing formations to drilling, completion, production enhancement and well maintenance.

**Project Description:**

Common Ground Infrastructure project is creating a virtual software platform, a central code, artefact repository, and a unified platform for Quality Build and Deployment assurance and performance testing. The project will also put into place a social enterprise solution to support and encourage collaboration and knowledge sharing among software development teams.

**Key performance indicators:**

**AWS Admin**:

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* Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
* Setup/Managing VPC, Subnets; make connection between different zones; Blocking suspicious ip/subnet via ACL.
* Setup/Managing CDN on Amazon Cloud Front (Origin Path: Server / S3) to improve site performance.
* Create/Managing buckets on S3 (CLI) and store db and logs backup, upload images for CDN serve.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS.
* Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Creating AWS Instances and Resources Bills.
* AWS Billing Optimization.

**DevOps**:

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* Invent better ways to manage/automate the administration of new and existing production env via scripting and tools development - Design systems architecture for projects using Linux and Linux application stacks (LAMP, MySQL, Java, Python etc).
* Devise schemes to transfer, monitor, and verify data are moved from diverse locations, securely and reliably.
* Hardware and facility capacity planning, provisioning new resources Implement and adhere to security policies and processes/controls
* Experience in using tools like **Jenkins, Chef, SVN, Maven** Strong knowledge on integrations.
* Installed and Setup Web Server (Apache and Tomcat), DB Server (MySQL);
* MySQL Database security, creating users and managing permissions.
* Server's, Domain's and Database's migration on Amazon Web Services.
* Setting up a new DNS and a corresponding VHOST to make the website functional.
* Log Analysis, Maintaining documents of production server error log's reports.
* Monitor Production Server Health of different parameters (System Load, Swap Memory, Hard disk, Apache requests, Mailq) via Cloud Watch.
* Creation and Manipulation of shell scripts, Manipulation of PHP scripts and java scripts during migration and db connection.
* Scheduling jobs using crontab.

**Certifications:**

* Microsoft Technologies (Trained) in 2014

**Academia:**

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| **S.NO** | **DEGREE/CLASS** | **BOARD/UNIVERSITY** | **BRANCH/GROUP** | **YEAR  OF  PASSING** | **INSTITUTE** |
| 1 | B.TECH | JNTU,ANANTHAPURAM | COMPUTER SCIENCE & ENGINEERING | 2015 | SRIST, VINJAMUR |
| 2 | INTERMEDIATE | INTERBOARD OF HYD | M.P.C | 2010 | SVJC , PORUMAMILLA |
| 3 | SSC | SSC BOARD HYD | - | 2008 | MAHARSHI HIGH SCHOOL, PORUMAMILLA |

**Personal Details:**

Father’s Name : Raja Reddy P.

Date of Birth : 08/04/1992

Passport No. : R2813928

PAN card No. : CBSPR7439H

Present Address : #53 ,7th cross, Taverekare, Bangalore-560029

Permanent Address : Akkampeta(village), Amagampalli (POST),

S.A Kasinayana (Mandal), Kadapa (Dist.),

516193.

P. Nagendra Reddy.