**Bharathimuppalla**

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Devopsengineers

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Interested in long term opportunities providing responsibilities to implement the DEVOPS activity's in AWS Cloud Computing environment and supporting AWS cloud in enterprise level.

PROFESSIONAL SUMMARY

Having 3+ years of experience, Skilled at operating wide range of platforms as 1 Year Linux Administrator and 2+ Years in Aws Cloud and Devops Engineer in automating, configuring and deploying instances in the areas

* Excellent communication, team membership and relationship management skills.
* Expertise in Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation,Security Groups.**
* Installing and configuring application on AWS EC2 Instances.
* Creating **IAM** Users and Groups and Maintaining the user Access management and Permissions.
* Managing AWS instances Via Monitoring tool and action the alerts accordingly.
* Configured and managing security groups and VPC.
* Hands on experience with **AWS cloud** environment.
* Creation of Clusters for **Load Balancing** and to provide Failover Environment.
* Creating Aws instances and Resource Bills.
* Configured and managing ELBs. Configured and managing S3 storage.
* Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.
* Created **RDS database**. Workspace Setup and troubleshooting.
* Hands on experience on VPC, Subnets, and Route tables etc.
* Configuring Cloud Watch for Monitoring Instance, RDS, ELB’s etc.
* Excelled on creating **AMI** (AWS Machine Image) that utilizes ELB(Elastic Load Balancer) and Auto Scaling.
* Effective Cost Calculation using AWS Calculator.
* Conducting Cost Optimization Audit for Clients AWS account.
* Launching Static website using EC2 instance or ELB and S3 bucket.
* Installed and Setup **Web servers** (Apache and Tomcat),DB Server (MySQL)
* Configure the Users and Groups Policies and Permissions in **IAM**
* Creating AWS Instances and Resources Bills.
* Created alarms in **Cloud watch** Service for Monitoring the Server Performance.
* Create and configure S3 bucket with restricted policies.
* Configuring topics for email and SMS in AWS **Simple Notification Services**(SNS)
* Creating/Managing AMIs,Snapshots and Volumes **upgrade Downgrade** AWS Resources(Cpu,Memory,EBS)
* Setup/Managing Database on **Amazon RDS**. Monitoring Servers through Amazon Cloud watch **SNS**
* Experience in Installation and Configuration of **Apache** web server.
* Knowledge on Devop **Chef Cookbooks** and **Recipes** to manage systems configuration.
* Bootstrapped **windows** and **Linux machines**
* Experience in **branching**, **tagging** and **maintaining** the version across the environments.
* Creating Linux Virtual Machines using VMware Virtual Center (ESXI).
* Ability to build deployment, build scripts and automated solutions using scripting languages such as **Shell** &**Bash scripting**.
* Used scripting languages like **Shell Scripting**. Familiarity with Shell Scripting and automation.
* Having Knowledge on writing **chef** cookbooks to spin up servers on the Developer workstations and in **AWS.**
* Worked on **Jenkins** by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
* Good knowledge in Continuous Integration and Continuous Deployment methodologies.
* Experience in administering Linux. Experience in **Installation, Configuration, Backup, Recovery, Maintenance, Support.**
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Experience in Monitoring &**Health-Check** of web and application server environments.
* Handling Nagios Monitoring tools like Nagios and Sensu.
* Collaborated with development team to troubleshoot and resolve issues
* Used Shell Scripting Languages like **Shell Scripting, Ruby**
* Configuring and Managing web server. Having Good knowledge on Automation **Chef.**
* Managing Backups of Instances and EBS storage using scripts.
* Bootstrapped Windows AndLinux Machines.
* Automated the Cloud deployments using chef and AWS Cloud Formation Templates.
* Troubleshoot all the issues related to Linux & Windows Operating System and provide support for all production and Non-Production environment.

TECHNICAL SKILLS

**Operating Systems** : Linux(Red Hat 4/5/6),Windows NT,2008/2012

**Scripting Languages** : Shell Scripting,Ruby,

**Version Control Tool** : GIT,GIT Hub

**Continuous Integration Tools** : Jenkins

**Configuration Management** : Chef, Knowledge on Ansible

**Cloud Technlogies**: Amazon web Services

**Monitoring Tool** : Nagios,

**Web Server**  : Apache HTTP Server

PROFESSIONAL EXPERIENCE

* Currently working as a AwsDevOps Engineer at Capgemini in Bangalore from

Feb2015 to present.

**Client :**Market America / Shop.com

**Duration:** Feb 2015 to Present

**Role:**AWS DevOps Engineer

**Responsibilities:**

* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Performed S3 buckets creation, policies and also on the **IAM** role based polices and customizing the JSON template.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS Cloud watch.**
* Managed servers on the Amazon Web Services (AWS) platform instances using **Puppet, Chef**Configuration management.
* Worked on **Jenkins** by installing, Configuring and maintaining for the purpose of continuos Integration and for End to End automation for all build and deployments.
* Create **Chef** Automation tools and builds, and do an overall process improvement to any manual processes.
* Written Chef Cookbooks for various DB configurations to modularize and optimize end product configuration.
* Installed application on **AWS EC2** instances and also configured the storage on **S3** buckets.
* Converting production support scripts to chef recipes. And AWS server provisioning using **Chef Recipes**.
* Involved in the installation and configuration of **Nix** as a **web server**.
* Experience with Build Management tools **Ant** and **Maven** for writing build.xmls and Pom.xmls.
* Experienced in build and deployment of Java applications on to different environments such as **QA, UAT** and **Production**.
* Branching, Tagging, Release Activities on Version Control Tools: SVN, GitHub.
* Extensive usage of Tortoise **SVN** in windows environment for version control activities.
* Implemented Continuous Integration using **Jenkins** and **Hudson**.
* Installed Workstation, Bootstrapped Nodes, Wrote Recipes and Cookbooks and uploaded them to **Chef-server**, Managed On-site OS/Applications/Services/ Packages using Chef as well as AWS for EC2/S3&ELB with Chef Cookbooks.
* Experience working with **Puppet** Enterprise and Puppet Open Source. Installed, configured, upgraded and managed Puppet Master, Agents & Databases. Integration of Puppet with **Apache** and **Passenger**.
* Deployed the java application into web application servers like **Apache Tomcat**.
* Experienced in deployment of applications on **Apache Web server**, **Nix** and Application Servers such as **Tomcat.**
* Application Deployments & Environment configuration using **Chef, Puppet, Ansible.**
* Implemented unit testing framework driven using **Junit and Cucumber**.
* Coordinated with the Offshore and Onshore teams for Production Releases.

**Client :**Campbell Kitchen

**Duration:** Dec 2013 to Jan2015

**Role:**AWS Cloud Engineer/Linux administrator

**Company :**Acriters Technologies Private limited

**Responsibilities:**

* Working as **DevOps Engineer** to support French based client
* Use **Jenkins** integrations & Deployment of code across various environments using Chef
* Write Cookbooks to maintain configurations according to client requirements.
* Provision **Vagrant** systems for Developers & Tester to mimic Production box for testing new features.
* Monitor multi-tier environments using **Nagios.**
* Change management for any changes for the given service from stable service point of view
* Proactively improve the quality of systems and service, and increase business value.
* Installation and configuration of Linux Boxes - **Ubuntu/Debian, Redhat**
* Installation of package in Linux system using **yum, rpm, apt-get and deb package**.
* Installation of **patches/fixes** and updating Maintenance Levels.
* Scheduling and Automatic recurring execution using **crontab**and at jobs.

EDUCATIONAL SUMMARY

* **Bachelor of Engineering** from JNTUKUniversity(**KAKINADA**), Bangalore.

PLACE: **Bangalore**  M.Bharathi