**P S BHARATH** Email: **bharath.pantala@yahoo.in**

**AWS/ Devops Engineer** Mobile No: +91 9441788217



### OBJECTIVE

3+ years of professional experience in AWS Cloud and DevOps configuration management which includes Project Setup,AWSEc2 cloud, VPC setup and, Build Automation, Continuous Integration, SCM process improvements.

### SKILLS & EXPERIENCE

* Experience in Amazon Web Service resources like **EC2, VPC, S3, IAM, ELB, RDS,Route 53, Auto Scaling and Cloud Watch.**
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo tables, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Managing AWS instances via monitoring tool and action the alerts accordingly.
* Utilize Amazon Glacier for archiving data.
* Managed multiple AWS accounts with multiple VPC’s for both production and non-prod where primary objectives included automation, build out, integration and cost control.
* Configured and managing security groups and VPC.
* Configured and managing ELBs.
* Configured and managing **S3 storage**.
* Created AMI images of the critical ec2 instance as backup using **AWS CLI** and **GUI.**
* Experience in Configuration management tool like **CHEF, ANSIBLE.**
* Worked with chef enterprice Hosted as well as on-premises,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/S#Route53 & ELB with chef cookbooks.
* Knowledge on Containerization tool like **DOCKER.**
* Experience in Version control systems like **GIT.**
* Strong knowledge on source controller concepts like **Branches, Merges and Tags**.
* Experience in Build tools like **JENKINS**
* Knowledge on Python Scripts
* Experience in CI Tools like **JENKINS**.
* Extensively worked on **Jenkins/Hudson by installing, configuring and maintaining for the purpose of continuous integration (CI)** and for **End to End automation** for all build and deployments.
* Expertise in writing **Shell programming** for deployment of Java applications on bare servers or Middleware tools.
* Provided framework for automated deployment in **Tomcat** environment.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

### PROFESSIONAL EXPERIENCE

* Working as a **Cloud and Devops engineer** at **Tech Mahindra, Pune** from September 2014 to Till Date.

### EDUCATIONAL QUALIFICATION

**Bachelor of Technology** in Electronics and Communication Engineering from JNTU Anantapur.

### TECHNICAL SKILLS

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| Cloud Based Environment | **AWS** |
| Configuration management | **Ansible** |
| Containerization tool | **Docker** |
| Monitoring tool | **Nagios** |
| SCM Tools | **GIT,Github** |
| Scripting Languages | **Shell ,Python** |
| Build Tools | **Ant,Maven and Jenkins** |
| Ticketing Tool | **Service Now,JIRA** |
| Operating Systems | **LINUX**(**Red Hat 4/5/6)/UNIX & Windows** |
| Databases | **Mysql, sql** |
| Web/Application Servers | **Apache Tomcat, Nginx** |

### PROJECTS DETAILS

**Project # 1:**

Company : Tech Mahindra

Client : NBA Services, Europe

Environment : Java, Linux, SVN, Ant, maven Tomcat and Jenkins, Aws , chef

Role : Cloud/Devops Engineer

### Responsibilities

* Worked on **AWS Ec2** **cloud**, **VPC** setup and configurations, **AMIs**, **EBS**, **S3,** and **Cloud Formation, ELB, cloud watch.**
* Managed multiple AWS accounts with multiple **VPC**’s for both production and non-prod where primary objectives included automation, build out, integration and cost control
* Exclusively worked on windows &Linux AMI for hardening.
* Enterprise and Premium support for **EC2** infrastructure.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Installation and upgrade of **Ops-code** Chef Server and documenting steps.
* Install and upgrade of **Chef Client** and Make sure servers are getting converge with chef-server.
* Creating of Organization, Environment, and users in **Chef Server**.
* Developed chef Cookbooks to manage systems configuration.
* Manage the Source code to have Latest version of code available from production releases.
* Experience in Setting up **GIT repository** setup in **Bit Bucket** and **Branching,** And **Merging Model**.
* Supporting engineering plans and schedules by providing **CM/Release Engineering services to build**, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to engineering team.
* Migrated builds from **Ant to Maven** and configured the artifact repository nexus.
* Performed **DevOps** for **Linux and Windows** platforms.
* Focused on automation and integration.
* Monitored developed applications and fixed bugs.
* Created a continuous delivery pipeline from the ground up built with **GIT, chef and Jenkins** for Target's Finance Integration Team.
* Deployed and configured  **Tomcat** applications.
* Each Java application is automatically built, packaged and tested with **GIT** web hooks and then deployed to the various environments.
* Maintained **subversion repositories** for **DevOps environment automation code** and **configuration.**
* Developed bash scripts to redact sensitive data from apache access and error logs using a sed expression, deploy war files to environments in parallel.
* Developed automation and deployment utilities using **shell**.
* Wrote custom monitoring and integrated monitoring methods into deployment processes to develop self-healing solutions.
* Created automation and deployment templates for relational including **MySQL.**
* Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting **bugs and fixes**; scheduled downtimes and maintenance of cluster.
* Provide direct server support during deployment and general production operations.
* Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices.

**Project # 2:**

Company : Tech Mahindra

Client : CALPERS, USA

Environment : Java, Linux, SVN, Ant, Tomcat and Jenkins,aws,chef

Role : AWS/Devops Engineer

### Responsibilities

* Managed multiple AWS accounts with multiple VPC’s for both production and non-prod where primary objectives included automation, build out, integration and cost control.
* Assisted customers with common connectivity issues by reviewing subnet, security group, ACL, routing, VPN, ELB, Auto scaling, RDS and Deployment configurations.
* Linux System Administration supporting RHEL and Oracle Linux. AMI builds, troubleshooting, shell scripting, backups and log file management.
* Enterprise and Premium support for EC2 infrastructure .
* Leading EC2 Windows Support team in Virginia Location .
* Worked on AWS Cloud Watch and Cloud Trail services .
* Worked closely with EC2 infrastructure teams to troubleshoot complex issues
* Managed and supported AWS Security related issues, such IAM and S3 policies for user access
* Support for all other AWS products such as S3, RDS, Elastic Load Balancing, Route53 (DNS)
* Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
* Pushing Code from GIT to nexus make available for release through automa-

tion script using Jenkins.

* Knowledge on GIT and Jenkins Continuous Integration of Server–Installation, Configuration, Design and Administration, and integrating these tools with other systems.
* Installation and upgrade of Ops-code Chef Server and documenting steps.
* Installation and upgrade of Chef Client and Make sure servers are getting converge with chef-server.
* Creating of Organization, Environment, and users in Chef Server.
* Exclusively worked on windows &Linux AMI for hardening.
* Handled cloud administration tools and management frameworks.
* Configured Cloud watch alerts.
* Created support case with AWS for any critical issues and follow-up.
* Configured Yum at Server / client side for packet management.
* Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management.
* Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications using

Jenkins

* Make sure that the Score points for our EC2 instances is more than 90%.
* Setup and launch Amazon Linux and RHEL and Windows ec2 instances, network interface with Elastic IP’s.
* Configured and managing security groups and VPC.
* 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.
* Monitored and worked on alerts for Web server Application pool.
* Backup & Restoration.

**Personal Details:**

Date of Birth : 13 April 1993

Gender :Male

Nationality : Indian

Marital Status : Single

Interests : Short film making , listening music

Languages known :English & Telugu

**Permanent Address:** S/o P.Subramanyam,

1-70 , K.P.Agraharam(vi,)

Udamalakurthi (post),

Karvetinagar(m),

Chittoor(D), A.P. 517582

**Place** : Pune **( P S BHARATH )**

**Date:**