Name: SUNIL SURAPPAGARI

Email: sunil.mk12273@gmail.com

Mobile No: +91 9100404161



**3.2 Years of Experience (AWS &DevOps )**

# Career Objective:

**AWS Cloud and DevOps** configuration management which includes Project Setup, AWS services, EC2 cloud, VPC setup and Build Automation, Continuous Integration, SCM process improvements.

# Employment Record: 3.2 years

|  |  |  |
| --- | --- | --- |
| **Organisation** | **Designation** | **Duration** |
|  | Software Engineer | 3.2 Years |

**Professional Summary:**

* Experience in Amazon Web Service resources like IAM, S3, SNS, SQS, LAMDA, SECURITY GROUPS, EC2, VPC, RDS, Route 53, Auto Scaling, Load Balancing and Cloud Watch.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, 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-production.
* Configured and managed VPC with Subnets, security groups, NACL, IGW, Routers etc.
* Configured and managing with Load balancer.
* Experience in Configuration management tool like **ANSIBLE**.
* Experience on Containerization tool like **DOCKER.**
* Experience in Distributed Version Control Systems like **Git and Git Hub.**
* Strong knowledge on source controller concepts like **Branches, Merges and Tags**.
* Experience in CI/CD tools for continuous download, build , deploy, Test and delivery by using **Jenkins** and having a knowledge with **Bamboo** integration.
* Experience in Containerized Orchestration tools like **Docker swarm** and **Kubernetes** for working with multiple host machines.

# Technical Skills:

|  |  |
| --- | --- |
| Cloud Based Environment tools | **AWS, Microsoft Azure** |
| CI-CD tools | **Jenkins, Bamboo** |
| Configuration Management | **Ansible** |
| Containerization tool | **Docker, Docker-swarm, Kubernetes** |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Web/Application Servers | **Apache Tomcat, NginX, JBoss** |  |
| SCM Tools for version controlling | **Git and Git Hub** |
| Scripting Languages | **Shell scripting, groovy script** |
| Build Tools | **Maven, Ant** |
| Database | **MySQL** |
| Operating Systems | **LINUX** **Flavors** **& Windows** |
| Other Languages | **HTML, CSS, PYTHON** |
|  | **Microsoft Office, excel, word doc, power point** |
| **Educational qualification:**   * B TechfromJNTU Ananthapur in the academic year2012-2016with 7.5 GPA * MPC(science) from Board of intermediate in the academic year 2010-2012 from with 9.3 GPA   **Project Experience:**   * **Company :** * **Client :** * **Environment :** * **Role :**   **Responsibilities:**   * Worked on **AWS EC2cloud, VPC** setup and configurations, **AMIsS, 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. * 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. * 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** and **Jenkins** for Target's Finance Integration Team. * Deployed and configured **Tomcat/Weblogic** applications. | | | |

* Maintained **subversion repositories** for **DevOps environment automation code** and configuration.
* 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 Experience:

* **Company :**
* **Client :**
* **Environment :**
* **Role :**

**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.
* 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.
* Configured **Cloud watch alerts**.
* Created support case with AWS for any critical issues and follow-up.
* Configured **Yum/apt-get at Server** / client side for packet management.
* Pushing Code from **GIT to nexus** make available for release through automation script using Jenkins.
* Knowledge on **GIT** and **Jenkins Continuous Integration** of Server–Installation, Configuration, Design and Administration, and integrating these tools with other systems. Exclusively worked on windows &Linux AMI for hardening

* Configured and managing security groups and VPC.
* Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management.
* Configured and managing **ELBs**.
* Configured and managing **S3 storage**.
* Created AMI images of the critical EC2 instance as backup using GUI.
* Created RDS database.
* Monitored and worked on alerts for Web server Application pool.
* Backup & Restoration.

# Soft Skills:

* Proven ability to plan, problem solving, motivate and work efficiently in both independently or collaboratively in a team.
* Strong interpersonal, learning and organizing skills matched with the ability to manage stress, time and people effectively.
* Self-motivated, enthusiastic and always keen to learn new tools, applications, methodologies and techniques.

**Personal details: Fathers** Name : Subbarayudu S

Gender : Male

Age : 26

Marital status : Single

Nationality : Indian

Language Known : English, Telugu, Hindi

**Declaration:**

I do here by declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

# Dat