 **Name: Raghavendra Karanam** 

 **Email:** **raghava462@gmail.com**

**Ph: +91-9182754517**

**PROFESSIONAL SUMMARY**

* Over 5 years of IT experience in Linux Administration, AWS cloud platform, Automating deployments

using Jenkins and scripting and auto provisioning servers using ansible and playbooks.

* Devops experience with **Linux, AWS, AZURE, Ansible, keycloak, Kafka, Zookeeper, Ignite, API Gateway, alfresco, Docker, git, Jenkins, shell scripting, sonar, Nagios and ELK, Grafana and opsgenie, Jira and Confluence.**
* Expertise in **Amazon AWS Cloud Administration** which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, Snapshots, SNS, ECS, RDS, Route 53, Cloud Watch, code commit, Elastic Beanstalk, KMS, Glacier, CloudFront, Redshift, Data pipeline, Lambda, API Gateway etc.**
* Expertise in **ECS cluster creation, ECS agent installation, ECS repo creation, task definitions and service creation** and container deployments.
* Experience on **CloudFront** distribution creation and invalidating caches and origin groups.
* Experience in **EC2 autoscaling** and ECS auto scaling.
* Experience in branching, tagging and maintaining the version across the environments working on **Source Code Management (SCM)** tools like **Subversion (SVN)** and **GIT.**
* Installed application on **AWS EC2** instances and configured the storage on **S3** buckets.
* Performed S3 buckets creation, policies and also on the IAM role-based policies and customizing the JSON template.
* Creating/Managing **AMI/Snapshots/Volumes**, **Upgrade/downgrade** AWS Resources (CPU, Memory, EBS) simply instance sizes.
* Expertise in Trouble shooting **java** applications, **Tomcat** and **Apache/Nginx**.
* Knowledge on **SSL** configuration for Apache/Nginx and Tomcat.
* Extensive experience in usage of **GIT/Gitlab** and build tools **Maven/Gradle/sbt.**
* Expertise in **Docker containerization, docker file creation and docker image creation**.
* Implementing Docker (Images/containers) by using **CI/CD** process in Jenkins.
* Ability to build deployment, build scripts and automated solutions using scripting languages such as **Shell scripting** (Bash)**/Python.**
* Experience in DataMart tools like **informatica/ETL/Skyvia/hevodata.**
* Experience in reporting tools **POWER BI/Looker.**
* Automated the Deployments on **DEV**/**QA**/**SB**/**PROD** Environments by using Jenkins.
* Worked on web servers like **Apache, IIS7** and application servers like **Tomcat** to deploy code.
* Extensively worked on **Jenkins** and **Hudson** 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 **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies.
* Automated web server content deployment via **Ansible playbooks** and **Roles**.
* High exposure to **BUGZILLA**, **Osticket, TestLink, Jira** bug tracking tools for tracking defects and changes for Change management.
* Experience with **MongoDB, MSSQL, MySQL and Server DB Tasks**.
* RDS high availability **(HA) and master/slave** configurations in AWS.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Familiar with monitoring tool **Nagios** configuration, host and services monitoring.
* Experience in ELK log monitoring tool and Grafana tool.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Supporting for client demos and product trail access monitoring by using **ELK** (Elastic Stack, Log stash, Kibana) process.
* Excellent communication, team membership and relationship management skills.

**CERTIFICATIONS:**

|  |  |
| --- | --- |
| **REDHAT** | **RHCE and RHCSA** |
| **ID:** |
| **AWS** | **AWS SysOps Associate Administrator** |
| **ID :**  |

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Core Skills** | Devops Tools, Linux & Networking. |
| **Cloud Platform** | AWS, Azure  |
| **Configuration Management** | Ansible, Docker, Kubernetes |
| **Database** | MySQL, MongoDB, MSSQL, Postgres |
| **CI Tool** | Jenkins |
| **Build Tools** | Maven, Gradle, MSBuild and sbt |
| **Version Control Tools** | Subversion (SVN), GIT, GitHub. |
| **Web Servers/Application servers** | Apache, Nginx, Tomcat, IIS7, Jboss, Wildfly |
| **Languages/Scripts** | Shell and python |
| **Operating Systems** | Linux, Windows & MAC |
| **Infra and App Monitoring Tools** | Nagios, ELK, Grafana |

**PROFESSIONAL EXPERIENCE:**

Currently working as a **Associate** **DevOps Lead** at **Next Sphere Technologies**, from Aug2015 to present.

**PROFILE-1:**

**Company Name: Next Sphere Technologies**
**Role: Associate DevOps Lead**

**Environment:** Amazon Web Services, IAM, S3, cloud watch, Maven, Gradle, Tortoise SVN, Git, Docker, Apache HTTPD, Apache Tomcat, Bash, cloud bees Jenkins, MySQL etc.,

**Project Name:** Amcap Insurance

**Description:**

American Capital Assurance Corp. commits to knowing its customers and tailoring coverage to their needs by focusing on select markets in specific locales. AmCap Insurance® shall provide contemporary, financially sound commercial insurance products and best-in-class service at the right price. The company shall maintain an (Excellent) rating by industry leader A.M. Best Co., through sound risk management practices and protection of our capital.

**Responsibilities: -**

* Played key role as Build, Release and Deployment Engineer for the assigned Projects.
* Good working experience in building and deploying Java web applications and websites in Windows and Linux environment On-premise and AWS Cloud.
* Branching, Tagging, Release Activities on Version Control Tools: **SVN**, **GitHub, Code Commit.**
* Extensive usage of **Tortoise SVN** in windows environment for version control activities.
* Implemented Continuous Integration using **Jenkins**
* Experience working with Enterprise and Open Source. Installed, configured, upgraded and manage.
* Designed & Configured **Architecture Blue Print** for Deploying Environments**.**
* Experience in Setting up different environments in Cloud via **Cloud Formation** & Deploying code above it.
* Coordinated with the Offshore and Onshore teams for Production Releases.
* Live sites deployment in **apache** and **Tomcat.**
* Responsible for handling **tickets (osticket)** on development and testing team closely working with two teams.
* Experience working with **MySQL** and **MongoDB** Administration part.
* Responsible & Handing, setting up Configuring both On-premises & cloud datacenters.
* Launching Amazon **EC2** Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Installed application on AWS **EC2** instances and also configured the storage on **S3 buckets.**
* 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.**
* EC2 server provisioning using Ansible.
* Implementing Dockization (**Docker**) for applications lunching containers and images.
* Monitoring all application servers and services by using **Nagios**.
* Good Knowledge of Software Development Life Cycle (SDLC) well versed in AGILE Methodologies.
* Helping testing team by making sure that all the back-end jobs work effectively at the time of QA and UAT.
* Maintain and administer computer networks and related computing environments, including computer hardware, systems software, applications software, and all configurations management tolls using (chef, puppet)
* Diagnose hardware and software problems and replace defective components.
* Monitoring all Linux and windows servers by using Nagios monitoring tool.
* Experience on ELK Stack log monitoring tools.
* Implementing Docker (images/containers) by using CI/CD process in Jenkins.

**PROFILE-2:**

**Company Name: Next sphere Technologies**
**Role: Associate DevOps Lead**

**Project Name:** FLPI (Forever Living Project)

**Description:** Online Shopping Cart

**Environment:** Amazon Web Services, IAM, S3, cloud watch, Maven, Tortoise SVN, Git, Chef, Docker ECS, EC2, ELB, Apache HTTPD, Apache Tomcat, Bash, cloud bees Jenkins, API Gateway(zuul), RDS etc.

**Responsibilities: -**

* Played key role as Build, Release and Deployment Engineer for the assigned Projects.
* Good working experience in building and deploying Java web applications and websites in Windows and Linux environment On-premise and AWS Cloud.
* Branching, Tagging, Release Activities on Version Control Tools: **SVN**, **GitHub, Code Commit.**
* Extensive usage of **Tortoise SVN** in windows environment for version control activities.
* Implemented Continuous Integration using **Jenkins**
* Experience working with Enterprise and Open Source. Installed, configured, upgraded and manage.
* Designed & Configured **Architecture Blue Print** for Deploying Environments**.**
* Experience in Setting up different environments in Cloud via **Cloud Formation** & Deploying code above it.
* Coordinated with the Offshore and Onshore teams for Production Releases.
* Live sites deployment in **apache** and **Tomcat.**
* Responsible for handling **tickets (osticket)** on development and testing team closely working with two teams.
* Experience working with **MySQL** and **MongoDB** Administration part.
* Responsible & Handing, setting up Configuring both On-premises & cloud datacenters.
* Launching Amazon **EC2** Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Installed application on AWS **EC2** instances and also configured the storage on **S3 buckets.**
* 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.**
* Implementing Dockization (**Docker**) for applications lunching containers and images.
* Monitoring all application servers and services by using **Nagios**.
* Good Knowledge of Software Development Life Cycle (SDLC) well versed in AGILE Methodologies.
* Helping testing team by making sure that all the back-end jobs work effectively at the time of QA and UAT.
* Maintain and administer computer networks and related computing environments, including computer hardware, systems software, applications software, and all configurations management tools using (chef, Ansible)
* Diagnose hardware and software problems and replace defective components.
* Monitoring all Linux and windows servers by using Nagios and cacti monitoring tools.
* Experience on ELK Stack log monitoring tools.
* Implementing Docker (images/containers) by using CI/CD process in Jenkins.

**EDUCATION:**

**Completed B. Tech (ECE) in Visvodaya Engineering College in 2014 with 70%.**

PERSONAL PROFILE

Date of Birth : 24-04-1993

 Sex : Male

Marital Status : Single

Languages : English, Telugu

Nationality : Indian

Declaration:

I sincerely feel that working and to be served in your organization will fulfill my cherished goals. I, hereby, declare that above information is true to the best of my knowledge.

**Date:** **Raghavendra K**