

T V SUDHEER KUMAR

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CAREER OBJECTIVE

Looking for a challenging role in a reputable organization to utilize my technical skills for the growth of the organization as well as to enhance my knowledge by working with High Performers.

PROFESSIONAL SUMMARY

- Software Professional with 3.7 years of experience in DevOps Environment, Amazon Web Services and Linux Environment.
- Working as a **DevOps Engineer** and supporting development teams in day-to-day tasks, making sure environments are available when required, automating deployments and providing infrastructure related input in daily meetings.
- Experience in managing source control repositories like **GIT** by creating new Repositories and creating user level credentials.
- Good Experience in Microservices Architecture.
- Experience in using Configuration Management tool like **Ansible**. Wrote many Playbooks for different modules to be configured remotely.
- Experience in cloud provisioning tools such as **Terraform**.
- Experience in Creating and maintaining highly scalable and **fault tolerant** multi-tier AWS environment spanning across multiple availability zones using **Terraform**.
- Experience in scripting languages including **YAML**, **Shell Scripting**.
- Extensive experience in using of **Maven** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
- Good experience in the design and implementation of fully automated Continuous Integration, Continuous Delivery, Continuous Deployment pipelines and DevOps processes for Agile projects (CI/CD).
- Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all Build and Deployment.
- Created, tested and deployed an End-to-End **CI/CD** pipeline for various applications using Jenkins.
- Experience in setting up of **Docker** and creating new images and getting images from Docker Hub, worked on Docker images and containers for deploying applications.
- Worked on container orchestration tools like **Kubernetes**.
- Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers.
- Configured and Deployed application packages on to the **Apache Tomcat** server. Coordinated with software development teams and QA teams.

DevOps Engineer

- Having hands on experience in **EC2, S3, ELB, VPC, Route 53, Cloud watch, IAM & Roles, Auto Scaling, Code Build, Code Pipeline.**
- Designed highly available, cost effective and fault tolerant systems using multiple EC2 instances, **Auto Scaling, Elastic Load Balance and AMIs**

PROFESSIONAL EXPERIENCE

- Currently working as "DevOps Engineer" at Brunet info **Solutions Pvt Ltd.**

TECHNICAL SKILLS

Operating Systems	RHEL, Ubuntu, Windows
Orchestration and Configuration Management Tools	Terraform, Ansible
Containerization Tools	Docker, Kubernetes
CI/CD	Jenkins
Scripting	Shell, YAML and JSON.
Cloud Technologies	Amazon Web Services: Elastic Compute Cloud (EC2), Simple Storage Services (S3), Virtual Private Cloud (VPC), Elastic Load Balancer (ELB), IAM Roles, Users, Profiles, Elastic IP's, Route53.
Version control Systems	Git
Build Tool	Apache Maven
Monitoring Tool	CloudWatch
Application server	Apache Tomcat
Artifactory Repository	S3 Bucket, Nexus

PROJECTS

Project #1

Title : **Medco Health Solution**
Client : Medco Health Solution –USA

Role : DevOps Engineer
Platform : DevOps, Cloud

Responsibilities included:

- Onsite Interaction for clarifying the incidents and analyzing the feasibility of issues.
- Designing and deploying AWS solutions using **EC2, S3, Elastic Load balancer (ELB), auto scaling groups, Code Build, Code Pipeline**.
- Setting up **EC2-Instances** and prerequisites on the instances for deploying the applications.
- Tracking and keeping all the automation scripts with the source code management tool '**Git**'.
- Performing the regular tasks that include cloning, pulling and pushing the repositories, branching and merging.
- Managing the working environments through configuration management tool **Ansible**.
- Writing several **Playbooks and Roles** for provisioning the machines in different environments and converting the static playbooks into roles.
- Used AWS Services like **Code Build** and **Code Pipeline** for Continuous Integration and Continuous Delivery of packages.
- Creating and maintaining highly scalable and fault tolerant multi-tier AWS environment spanning across multiple availability zones using **Terraform**.
- Creating fully automated CI build and deployment infrastructure and processes for multiple projects (DevOps and CI/CD).
- Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven.
- Involved in setting up **Jenkins Master** and multiple slaves for the entire team as a CI tool as part of **Continuous development and deployment process**.
- Providing KT to developers, Testers and DB admins on how to run playbooks and how to modify them for specific needs.
- Experienced in container technology **Docker**. Have built Docker images and written Docker files which can be used to automate all developer tasks.
- Used **EKS** for Kubernetes setup and Deployed **Pods** on to the Cluster.
- Used **Maven** as a build tool for the building of the deployable artifacts from the source code.
- Integrated **Jenkins** with various DevOps tools such as GIT, Maven, Junit, and Nexus and developed Jenkins jobs to automatically manage, test and deploy code and applications.
- Created, tested and deployed an End-to-End **CI/CD** pipeline for various applications using Jenkins.

Environment: AWS, Ansible, Jenkins, Terraform, GIT, Docker, Kubernetes.

Project #2

Title : **Balboa Insurance**

Client : Balboa Insurance company -USA
Role : DevOps Engineer
Platform : DevOps, Cloud

Responsibilities included:

- Coordinated developers with establishing and applying appropriate branching, naming conventions using **GIT**.
- Used **Maven** as a build tool for the building of the deployable artifacts from the source code.
- Integrated **Jenkins** with various DevOps tools such as GIT, Maven, Junit, and Nexus and developed Jenkins jobs to automatically manage, test and deploy code and applications.
- Created, tested and deployed an End-to-End **CI/CD** pipeline for various applications using Jenkins.
- Designed, installed and implemented **Ansible** configuration management system, written Ansible playbooks and deployed applications
- Used **Docker** to virtualize the servers for the Dev and Test environment needs.
- Developing chef cookbooks for managing the application/OS configuration files in Git Hub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application in to the Linux environment.
- Installing and updating the Jenkins plug-ins to achieve **CI/CD**.
- Working on regular tasks comprising cloning and pulling the repositories, branching and merging.
- **User** and **Group** administration on Linux machines.
- Done Administration of remote machines through **ssh-key** based functions.
- Managing the user security through **sudo** privileges.
- Created and managed several **cron** jobs like backing up log files and configuration files.
- User administration and management like add/change/delete Maintaining **users** level security.

Environment: AWS, Chef, Linux, Jenkins, GIT, Ansible, Docker.

Declaration

I pledge and pronounce that all the above information is true to best of my knowledge and I bear the responsibility for the correctness of above mentioned

Place: Hyderabad

T.V.SUDHEER