

Saikumar C

DevOps Engineer

Address – Hyderabad,Telangana
Contact – +91 9490287826

Email – saikumarc326@gmail.com

Profile Summary

- Having total of 5 years and 2 months of Experience as a **AWS DevOps Engineer** in supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes. Implementing cloud strategy in various environments.
- Setup/Managing Linux Servers/ Windows server / Ubuntu servers on **AmazonEC2**.
- Setup/Managing Databases on **Amazon RDS**. Monitoring servers through **Amazon CloudWatch, SQS, SNS**.
- Create **S3 Buckets** for maintaining application logs and also involved in setting Lifecycle policy for managing the logs efficiently.
- Involved in creating **Docker Images** by writing custom **Docker File**.
- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools **GIT, Maven, Jenkins, Ansible, Tomcat, Shell Scripting, Docker, Kubernetes etc.**
- 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.
- Used **Ansible** for Configuration Management.
- Managed **GitHub** repositories and permissions, including branching and tagging.
- Excellent working knowledge on various virtual systems/ like **Docker** technologies.
- Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using Docker swarm.
- Having Good experience in Amazon Web Services environment and good knowledge of AWS services like **Elastic Compute Cloud (EC2), Load Balancers, IAM, S3, Cloud Front, ECS, ECR, EKS RDS, VPC, Route53, Lambda, Cloud Watch, Cloud Formation etc.**
- Created **AMI images of critical EC2 instances as backup** using AWS CLI and GUI.
- Created Alarms and notifications for EC2 instances using Cloud Watch.
- Designing and Deploying Highly scalable infrastructure using ALB and Auto Scaling services.
- Setup and managed security groups, VPC specific to environment
- Utilize EBS to store persistent data and mitigate failure by using snapshots.

Certifications

- **AWS Certified Cloud Practitioner Oct 2022-2025(Credential Id – 30B5VKRCZ2VQ13S4)**

Education

- Bachelor of Technology, 2014-2018, JNTUCEP

Soft Skills

Communicator	Result Oriented	Team Management
Innovater	Analytical & Problem Solving	Critical Thinker

Technical Skills

Operating systems	Amazon Linux, Ubuntu, Windows
Version Controller Tools	Git, Github, Gitlab
Scripting	Python, Shell Scripting
Build	Maven, MS-Build
Configuration Management	Ansible
Provisioning Tools	Terraform Basics, Cloud Formation
Continuous Integration	Jenkins
Application Server	Tomcat, Apache
Defect Tracking	Jira
Container Technology	Docker, kubernetes
Cloud Platforms	AWS
Monitoring	Prometheus, Grafana, Cloud Watch
Code Quality	Sonarqube, Fortify, Blackduck
Repository Management	Nexus, Jfrog

Work Experience

DevOps Engineer, HCL Technologies Limited (May'22 to August'23)

Projects Undertaken

Client : Verizon (Chennai) - May'22 to Aug'23

Roles and Responsibilities:

- Setting up the new build environment for various applications in Windows/Linux environment.
- Successfully provisioned, Optimized, and rehydrated infrastructure using Jenkins, CFT, and Ansible, ensuring all servers remained compliant with security patches and vulnerabilities within a timeframe of no more than 3 months. Infrastructure renewal with new AMIs was a critical part of this process, maintaining the highest level of security and performance.
- Designed, implemented, and executed automation jobs in Jenkins as per project requirements, significantly reducing manual effort and improving deployment speed.
- Developed multiple **Ansible** playbook for various automation tasks, enhancing configuration management and infrastructure as code practices.
- Created and maintained **Bash** scripts for routine tasks and process automation, further streamlining operational activities.
- Pioneered the development of a robust **DevSecOps** CI/CD pipeline in Jenkins, integrating critical security scans with SonarQube, Fortify, and Black Duck, ensuring code quality and security were at the forefront of the development process.
- Orchestrated the deployment of applications within **EKS** clusters through CI/CD pipelines, achieving a seamless and efficient deployment process.
- Provided crucial support for addressing build and deployment issues, including space constraints, version incompatibilities, and Maven plugin challenges, ensuring project continuity and success.
- Implemented the advanced level pipeline with Build Breakers and parallel stage jobs.

Skills : AWS services, Linux, Git, GitLab, Maven, Jenkins, SonarQube, Fortify, BlackDuck, jFrog, Ansible, Bash Scripting, Docker and Kubernetes.

Software Engineer, SpringSource Technologies, Bangalore (July'18 to April'22)

Client :Johnson & Johnson - Feb'21 to April'22

Roles and Responsibilities:

- Linux/Windows servers on Amazon EC2 & monitor through SNS & Amazon Cloud Watch.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on **Amazon RDS**
- Used **Ansible** to do configuration and to automate deployments
- Worked on creating **Kubernetes** cluster from end to end.
- Manage and configure AWS services as per the business needs (**EC2, ECS, EKS, LB, Route53, S3, Cloud Watch, IAM, VPC**) in Global infrastructure.
- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on **Pod Creation** and managing Containers
- Implemented continuous delivery pipeline involving Jenkins, **Ansible** to complete the automation from commit to deployment
- Assisted developers with establishing and applying appropriate **branching**, labelling convention's using GIT source control
- Implemented and supported CI process via **Jenkins**
- Administered and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like **SonarQube**
- Hands on working experience on **Web Server (Apache), Application Servers (Tomcat), DB Server (MySQL)**
- Documented the entire installation process for various tools and provided on-call support.

Client : Napier Healthcare Solutions - Nov'19 to Dec'2020

Roles and Responsibilities:

- Set up integrated environments for GitHub and AWS cloud.
- Performed regular builds and deployment of the packages for testing in different environments (Dev, QA, and UAT).
- Utilizing Jenkins for enterprise scale infrastructure configuration and application deployments –
- checking out the code from GitHub and use Maven to build jar and war artifacts.
- Defined branching and merging strategies on GitHub.
- Responsible for Jenkins plugin management, user management, Build/Deploy Pipeline Setup, and End-End Job Setup of all the projects.
- Maintaining build artifacts on Nexus.
- Coordinate or assist the developers with establishing and applying appropriate branching, merging conventions by using GitHub.

DECLARATION

I hereby declare that all the particular stated in this resume are true to the best of my knowledge and belief

Place:

Signature

Date: