

Monika Sai Ch

Email ID: Monika.sai774@gmail.com

Mobile: +91 9989534526

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Profile Summary:

- Having 5 Years of Experience in Implementing Organization DevOps strategy in various environments of Linux and windows servers along with adopting cloud strategies based on Amazon Web Services.
- Expertise in Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Watch, Cloud Trail, Cloud Formation, OPS Work, Security Groups etc..
- Experience in DevOps tools like Git, GitHub, Jenkins, Maven, Ansible, Docker and Kubernetes.
- Working on Visual Studio Team Confidential to manage a backlog for the daily activities.
- Creation of Clusters for Load Balancing and to provide Failover Environment.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu/RHEL) and configuring launched instances with respect to specific applications.
- Experience with monitoring tools like AppDynamics and Amazon Cloud watch to monitor major metrics like Network packets, CPU utilization, Load Balancer Latency.
- Experience in managing and maintaining IAM policies for organizations in AWS to define groups, create users, Assign roles and define rules for role based access to AWS resources.
- Automated Regular AWS tasks like snapshots creation using Shell scripts.
- Configured and monitored distributed and multi-platform servers using Ops Work in AWS. Defined AWS stacks, layers and workstation to manage and configure nodes.
- Installing, customizing web servers as per existing infrastructure & requirements
- Developed Playbooks to manage systems configuration.
- Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tool GIT.
- Experience in cloud stack such as AWS (Terraform) and stacks.
- Registering new domain names and Route internet traffic to the resources for domains by using AWS Route53.
- Ability to build deployment, build scripts and automated solutions using scripting languages such as Shell scripting.
- Worked on web servers like Apache and application servers like Tomcat to deploy code.
- Experience in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.

- Installed and Managed Jenkins for CI and Sharing Artifacts respectively within the company.
- Professional experience on Containerization tool like Docker, preparing Docker and Docker Compose files to create an Application stack for Development environment.
- Experience in creating Kubernetes cluster with Kubernetes Master and Kubernetes Worker nodes for deploying application on it.
- Having knowledge on setting up and managing Docker private repository
- Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
- Excellent communication, team membership and relationship management skills.
- Strong ability to troubleshoot any issues generated while building, deploying and in production support.
- Good experience in Linux administration.

Education Qualification:

Bachelor of technology in Mechanical from Sri Padmavathi University in 2013 – 2017.

Professional Experience:

- Working in Infoville Solutions India Private Limited as DevOps Engineer, Bangalore from **May 2020– Present**.
- Worked with Concentrix as Software Consultant, Visakhapatnam from **Oct 2017 – Dec 2019**

Technical skills:

Operating Systems	Linux (Red Hat 6/7), Ubuntu, Windows NT
Cloud Technologies	AWS (VPC, EC2, S3, Cloud Watch, RDS, ELB, Route 53, IAM)
Scripting languages	Shell scripting, PowerShell
Configuration Management	Ansible
Continuous Integration Tools	Jenkins
Web server Applications	Tomcat
Log Analysis	Splunk and ELK
Artifactory	Nexus and S3
CodeQuality(Continuous Inspection)	SonarQube and Junit
Monitoring tools	AppDynamics and Cloud Watch
Version Control Tools	GIT, GitHub.
Container Services	Docker and Kubernetes
Infra As A Code	Terraform

PROFESSIONAL EXPERIENCE:**Client - Cognizant****Duration: April,2022- Present****Designation – DevOps Engineer****Roles and Responsibilities –**

- Creation of new Datadog Dashboard as per project visualization.
- Monitor the services & applications of projects in Datadog.
- Troubleshooting issues in the project using Datadog.
- Used to write JSON for IAM Policy for different teams in respect of different services in AWS.
- Responsible for deployment in Jenkins & Terraform.
- Initial set up Vagrant Production Environment to make it useful.
- Created Vagrant Script.
- Experienced in working in TRUCCR app to take cost optimization in Datadog.
- Worked on multiple changes to get templates for automation.
- Responsible for troubleshooting issues in Trusted Advisory in AWS.
- Created Lambda Function code to automate manual work in repository ECR.
- Data Dog Optimization is taking care off.
- Working on service change/incident request in adhoc basis.
- Working knowledge in IAM, S3, EC2, Scaling, VPC, Load Balancer, CloudWatch, Cloud trail.
- Responsible for creating CI/CD Pipeline using Jenkins, GIT, Maven, Docker etc.
- Configuring EC2 instances with Playbooks to enable environment for deployment.
- Maintaining AMIs of the Configured Ec2 instances.
- Creating Docker images and Containers.
- Improving the workflow with Docker Compose.
- verify deployments logs to check for successful deployments.
- Post deployment, Bouncing of servers along with tmp & cache clean.

Client - Cognizant**Duration: Jan,2021 -Mar,2022****Designation – DevOps Engineer****Roles and Responsibilities –**

- Responsible for creating CI/CD Pipeline using Jenkins, GIT, Maven, Kubernetes etc.
- Created pipeline scripts to build source code using MAVEN.
- Experienced in Jenkin security management in Jenkin tool.
- Responsible for auto deploying the application in web server using JENKINS Jobs
- Provide infrastructure support using Devops skills to manage Tomcat server, GIT Hub, Jenkins server
- Worked to get notification through Jenkin.
- Managed JENKINS server (including Master & Slave architecture and Jenkin Delivery Pipeline) and associated Jobs.
- Worked on Jenkin “Pipeline as a code”. Used to troubleshoot the code.

- Configured various project in Jenkins as per client's requirement (to set build periodically schedule schema)
- Checked logs for Jenkins & communicated same to other platform team for troubleshooting purpose.
- Experienced with various Docker operation and command.
- Responsible for Creating and managing Docker File.
- Worked on Docker compose file for handling multiple containers on different environment.
- Experienced in establishing communication between system & containers.
- Experienced in handling operation inside the orchestration tool.
- Configuring and deploying artifacts into several environments by using primary automation tool Chef.
- Used Chef and other configuration management tools to deploy consistent infrastructure code across multiple environments.
- Written wrapper scripts to automate deployment of cookbooks on nodes and running the chef client on them in a chef solo environment.
- Created Chef cookbooks and recipes that kickoff post-install scripts.
- Deployed builds to different environments like DEV, QA, UAT environments by integrating Jenkins and Chef.

Client - Cognizant

Duration: May,2020 -Dec,2021

Designation – DevOps Engineer

Roles and Responsibilities –

- Responsible for creating CI/CD Pipeline using Jenkins, GIT, Maven, Docker etc.
- Experienced with Branching Strategy in GIT.
- Experienced in troubleshooting the merging conflict in GIT.
- Provided time to time help for Stashing, Rebasing, Revert & Reset in GIT.
- Used to troubleshoot any CI/CD pipeline issue in terms of repository.
- Worked on various workflows in GIT.
- Experienced for attributes in GIT.
- Used to configure GIT account for Client.
- Worked on tracked and untracked file.
- Experienced in build related issues.
- Worked on various build configuration files.
- Worked on Maven life Cycle Structure., Maven repository.
- Daily support with resolution of escalated tickets and will act as liaison to business and technical leads to ensure issues are resolved in timely manner.
- Effective communication to the Client, Infrastructure teams.
- To represent the team during any high impact incidents and through the problem review process.
- Worked in Version Control Systems administering Subversion.
- Implemented and managed the software release process and work with team

members during the entire lifecycle of the project

- Responsible for creation of software builds using Maven.
- Used the continuous integration tool Jenkins to automate the daily processes.
- Responsible for branching and merging the code for various applications with Subversion.
- Responsible for Planning of the Roll-Out Process and Order of Sequence Involved for Day to Day.
- Enterprise J2EE Software Packages for Development, Testing, and System Integration Testing, and Ultimately Production Environments.
- Install Tomcat and Web Logic Server and configuring the environment.

Company - Concentrix

Duration: Dec,2017 -Dec,2019

Designation – Software Consultant

Roles and Responsibilities –

- Responsible for GIT & GIT Hub administration activity in Devops.
- Experienced with Branching Strategy in GIT.
- Experienced in troubleshooting the merging conflict in GIT.
- Provided time to time help for Stashing, Rebasing, Revert & Reset in GIT.
- Used to troubleshoot any CI/CD pipeline issue in terms of repository.
- Worked on various workflows in GIT.
- Experienced for attributes in GIT.
- Used to configure GIT account for Client.
- Worked on tracked and untracked file.
- Experienced in build related issues.
- Worked on various build configuration files.
- Worked on Maven life Cycle Structure., Maven repository.
- Handling Change schedules, scheduling planned outages and unplanned outages and sending outage communication to the support teams and respective stack holders.
- Identify and resolve issues and conflicts within the project team.
- Follow with environment support and Incident team for the defects raised by the Developers, and Testers
- Develop and deliver progress reports, proposals, requirements documentation, and presentations.
- Weekly status meeting with various Environment Development, UAT / TEST, Regression Team for the build Test status. Helped in preparing MSR and WSR reports.
- Worked as initial phase of testing (Smoke test) to executed selenium integrated test scripts as soon as deployment of code in development region which helps developers to identify the critical or enhanced code bugs before move code to higher regions.
- Attend scheduled (daily/weekly/monthly) meetings & calls with customers to provide respective account information and discuss any changes (updates) to the existing processes & procedures.