DevOps / AWS Engineer

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Technical Profile & Skill set

Operating system:
UNIX, Red Hat, Cent Os, Ubuntu

Build Tools:
Maven

Version Control Tools:
GIT,

Web/ Servers:
Nginx, Apache, HTTPD

Application Servers:
Apache Tomcat

CI Tools:
Jenkins
Analyse tool :
Sonarqube

Planning tool :
Jira

Monitoring Tools:
CloudWatch,Efk prometheous and Grafana

Cloud Technologies:
AWS[EC2, Route53, S3, RDS, VPC, ELB, Cloud Watch, IAM, Lamda, SNS, API Gateway].

Database
MySQL

Configuration Tools:
Ansible

Scripting Language:
Shell

Containerization:
Docker, Kubernetes.

Networking Protocols:
TCP/IP, SSH, HTTPD

Provisioning Tools:
Terraform

Experience summary

Dedicated to optimization and experienced DevOps Engineer understands the melding of operations and development to quickly deliver code to customers. Have around 3 years hands on experience in support, Automating, Managing, Optimizing mission critical deployments in AWS. configuration management, CI/CD and DevOps processes. I would say I am very good and proactive team player and I will make sure utilize opportunities and use them to resolve outbound issue.

Skill Summary (Devops& AWS)

- ✓ Involved in designing and deploying a multitude applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, VPC, SNS, ELB, Cloud Watch, IAM) focusing on high-availability, auto-scaling.
- ✓ Hands-on Experience in configuration of Network architecture on AWS with VPC, Subnets, Internet gateway, NAT, Route table.
- ✓ Configured Elastic Load Balancers with EC2 Auto scaling groups.
- ✓ Worked on core AWS services such as Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IP's, auto-scaling configuration.
- ✓ Utilized Linux Admin skills on deployment servers to make sure the servers are running as expected.
- ✓ Installation, Configuring, troubleshooting and maintaining the Tomcat server, nginx and Apache web server.
- ✓ Used Java programming, related code files, config files & package mechanisms (WAR & RPM packages) & provided optimal mechanism to build application packages.
- ✓ Worked as GIT/GIT Hub administrator as part of my role and monitored the repository for various issues.
- ✓ Experienced in design and maintenance of the GIT repositories
- ✓ Developed Build and Release management - GIT, Maven, Jenkins administration
- ✓ Used MAVEN as a build tools on java projects for the development of build artifacts on the source code.
- ✓ Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins and ansible.
- ✓ Extensive Experience in Jenkins master-slave for multi machine builds.
- ✓ Build Management – Experience in tools such as Jenkins, Maven.
- ✓ Hands on experience with Configuration Management Tool such as Ansible. Experienced in working automating deployment, and management of Containerization and repository like Docker, Kubernetes.
- ✓ Experience in administration of databases like Amazon RDS.
- ✓ Having knowledge on setting up and managing Docker private repository.
- ✓ Creating kubernetes cluster and work experience on efk Prometheus and Grafana
- ✓ Having Experience on kubernetes
- ✓ Docker installation and writing docker file and build docker image.

- ✓ Followed best practices, optimize processes, adapt new technologies, quick learner and hardworking individual.
- ✓ Participated in release level discussions and gone through the total SDLC and Agile process.

Professional Experience
Currently working as a DevOps Engineer in Indegene, Banglore from January 2021 to till date. -worked as a DevOps Engineer in TCS, Chennai from August 2019 to December 2020.

Professional Qualification
-Bachelor Of Technlogy graduated from Rise Krishna Sai Gandhi Group of Institution with 69%, 2015-2019, Andhra Pradesh, India.
-Intermediate studied from Sri chaitanya Junior college with 82%, 2013-2015, Ongole, AP
-SSC studied in Gandhi High School, Ongole, A.P, India.

Project 1: Client : Boehringer Ingelheim.
Role : Configuration Engineer.
Duration: January 2021 to till date.
Responsibilities:

- ✓ Launching and configuring of Amazon EC2 Cloud Servers using AMI's (Ubuntu) and configuring the servers for specified applications
- ✓ Installed and configured GIT and communicating with the repositories in GITHUB
- ✓ Created users, repositories, branching, tagging and users on the Git version control system.
- ✓ Configured Security group for EC2 Window and Linux instances and also for Ansible.
- ✓ Configuring and maintaining Ansible, implementing playbooks and pushing them to Ansible nodes.
- ✓ Involved working on Ansible as configuration management tool to automate repetitive tasks and to deploy applications.
- ✓ Installed, configured and administration of Tomcat Application Server Network Deployment on Linux, UNIX.
- ✓ Implemented the automation scripts (shell Script) for deployment process to different environments.
- ✓ Deployed application packages on to the Apache Tomcat server. Coordinated with software development teams and QA teams.
- ✓ Performed build and release of all software cycles engineering, test, production, update, patches and maintenance.
- ✓ Worked with container based deployments using Docker. Working with Docker images, Docker hub and Docker registries.
- ✓ Deploying the master, worker nodes, and management components within the cluster, such as Ingress application load balancer, at cluster creation time in Kubernetes.

Project 2:
Client : Tryg
Role : CI/CD Engineer.
Duration: August 2020 to December 2020.
Description: Tryg A/S is a Scandinavian insurance company present in Denmark, Norway, Sweden and Finland. The company is the second largest provider of general insurance services in the Nordic countries and is listed on Nasdaq OMX Copenhagen.
Responsibilities:
•Building a monitoring and observability platform for an insurance client
•Architect and automate the infrastructure setup with AWS and CloudFormation.
•Strategic planning for long-term vision of platform monitoring and observability.
• Build and release management with Jenkins and AWS ECS .
•Monitoring using Cloudwatch and Secrets management using AWS Secrets Manager.
• Involved actively in setting up the CI/CD pipeline utilizing Jenkins, Maven, BitBucket, python andAWS.

Project : 3
Client : AIG
Role : CI/CD Engineer.
Duration : Aug 2019 to July 2020.
Description : AIG is the largest underwriter of commercial and industrial insurance. AIG offers property casualty insurance, life insurance, retirement products, mortgage insurance and other financial services.
Responsibilities:
• Administered GIT repositories source tree and user account administration, branching,merging, patch fixes, snapshots, and training users.
• Managed daily builds and releases to all the environments.
• Debug build failures and worked with developers and QA personnel to resolve issues.
• Working and periodically meeting with Enterprise Architects, Project Managers, Scrum Master, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management solution.
• Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.
• Prepared ANT builds and integrated to CI Environment for build automation activity.
• Installed and configured Jenkins with third party tools (plug-ins) for continues integration process.
• Installation and configuration of Tomcat for different project teams.
• Setting up deployment regions and automate deployment process to release environments.
• Automated nightly build, test, and reporting mechanisms using Jenkins