**DevOps-AWS Engineer**

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**PROFESSIONAL SUMMARY:**

Having total 20 years’ experience in the IT Industry and past 9 years in DevOps. Possessing excellent programming skills summed up with strong knowledge in **Linux, Shell Scripting, DevOps, Jenkins, Maven, Git, Ansible, Docker, Kubernetes, Apache Tomcat.**

**TECHNICAL SKILLS:**

* Container Tools                                  : **Docker , Kubernetes**
* Cloud services and IaC                     : **AWS and Terraform**
* Web Application Server : **Apache Tomcat**
* Build Tools : **Maven, ANT**
* (SCM) Tool                            : **Git, GITHUB**
* Continuous Integration (CI) Tool       : **Jenkins**, **Jenkins pipeline**
* Operating Systems                  : **Linux, Ubuntu, Windows.**
* Scripting Languages : **Shell Script, Groovy**
* Configuration Management Tool : **Ansible.**
* Monitoring Tools                                : **CloudWatch**
* Artifactory                                          : **JFrog**

**Skill Summary (DevOps):**

* Experience on working with **GIT** and **Git Hub** - Created Repositories, branches and providing access permissions to the developers over branches.
* Good Experience in containerization tool **Docker** and Configuring the customized **Docker** containers and creating **Docker** files for different environments.
* Good Experience in container orchestration tool **Kubernetes**. I am able to run stateless and stateful applications on k8s cluster and creating **Kubernetes** manifest files like **pod, services, daemon sets, replica sets, replica controller, deployments.**
* Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.
* Good knowledge in **AWS** with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
* **Cloud Watch** for monitoring server metrics, creating alarms & integrating with **auto scaling** in AWS.
* Worked on infrastructure as code (IaC) terraform.
* Extensively worked on Jenkins for **CICD** and for End to End automation for all build and deployments using pipeline scripts and freestyle jobs.
* Monitoring daily builds and Verifying logs if build fails in Jenkins. Creating WAR Files Using the build tool **Maven**.
* Implementing a Continuous delivery framework using **Jenkins, Ansible, & Maven** in **Linux environment.**
* Deploying and Automated deployment of artifacts to various environments like DEV, QA, and UAT/STAGING through freestyle and pipeline script.
* Verify Deployment logs to check for successful deployments.
* Expertise in building automated CICD pipeline with the help of **Jenkins**.
* Good experience in Managing and backup the generated artifacts into **JFrog** Artifactory.
* Configured **Jenkins** nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using master-slave configuration.
* Good **Knowledge** in writing Terraform template files and modules to create, update, version and provisioning the AWS infrastructure.
* Good experience in writing **Ansible** Playbooks and deploying applications and provisioning Cloud services.
* Experience in Monitoring teams to identify and troubleshoot issues on servers using service like CloudWatch**.**

**PROFESSIONAL EXPERIENCE:**

* Currently working as a Devops Governance Manager in Coforgefrom June 2022  to till date.

**PROJECT DETAILS:**

* **Role:  Devops Governance Manager**
* **Organization: Coforge**
* **Client: Trinet**
* **Project-CIMS** (Cloud Infrastructure management Service)
* **Team Size-28**
* **Duration: Oct 2023 – Till Date**
* **Location: Hyderabad**

**Description**

**TriNet Group, Inc. is a**[Dublin, California](https://en.wikipedia.org/wiki/Dublin,_California)**-based**[professional employer organization](https://en.wikipedia.org/wiki/Professional_employer_organization)**for small and medium-sized businesses. TriNet administers**[payroll](https://en.wikipedia.org/wiki/Payroll)**and**[health benefits](https://en.wikipedia.org/wiki/Health_benefits_(insurance))**and advises clients on**[employment law](https://en.wikipedia.org/wiki/Employment_law)**compliance and risk reduction, acting in some cases as an outsourced**[human resources](https://en.wikipedia.org/wiki/Human_resources)**department.**

**TriNet has broadened its offerings to add payroll services,**[Fortune-500](https://en.wikipedia.org/wiki/Fortune_500)**benefits,**[401(k)](https://en.wikipedia.org/wiki/401(k))**guidance,**[worker's compensation](https://en.wikipedia.org/wiki/Worker%27s_compensation)**, liability insurance, and strategic human resources support and services. The company also provides online tools such as web-hosted management portals for manager and employee self-service.**[**[4]**](https://en.wikipedia.org/wiki/TriNet#cite_note-fiscal-4)

**Environments     : Jenkins, GitLab, Linux, Maven, Shell script, Ansible, Docker, Kubernetes, AWS, Terraform.**

**Roles & Responsibilities:**

* Managed hiring processes, ensuring recruitment of the right resources aligned with project requirements and client expectations.
* Provided training and development opportunities to team members to ensure they are equipped with necessary skills.
* Coordinated and managed shift schedules, ensuring efficient team coverage and handling shift allowances for 24/7 operational support.
* Collected and analysed data from ServiceNow and Jira for comprehensive reporting on incidents, CRs, and tasks.
* Led weekly calls with Trinet clients, presenting updates on change requests (CRs), incidents, tasks, and Jira stories.
* Conducted monthly progress meetings with Coforge Vice President, presenting detailed reports on overall progress and project milestones.
* Led daily client calls, acting as the primary point of contact, addressing concerns, and providing real-time updates on project deliverables.
* Focused on team performance management, ensuring team goals are met and productivity remains high.
* Facilitated cross-functional collaboration between DevOps, development, and operational teams, ensuring seamless workflow and communication.
* Managed escalations and conflict resolution within the team, fostering a productive work environment.
* Oversaw resource allocation, ensuring project deadlines and client expectations were met effectively.
* Coordinated onboarding processes for new hires, ensuring smooth integration into the team.

**PROJECT DETAILS:**

* **Role:  Senior DevOps Engineer**
* **Organization: Coforge**
* **Client: Arcolab**
* **Project-Aws Cloud Support**
* **Team Size-5**
* **Duration: June 2022 – Sept 2023**
* **Location: Bangalore**

**Description**

**Our AWS Cloud Support Team offers expert technical assistance for leveraging Amazon Web Services (AWS). With a focus on seamless operations, issue resolution, and optimizing performance, we provide exceptional aws support, ensuring an efficient and reliable AWS cloud infrastructure.**

**Environments     : Jenkins, Git, Linux, Maven, Shell script, Ansible, Docker,**

**Kubernetes, AWS, Terraform.**

**Roles & Responsibilities:**

* Implement Lambda function via AWS API’s & triggering AWS S3.
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the application servers using the “code deploy” plugin for Jenkins.
* Continuous Delivery is being enabled through Deployment into several environments of Test, QA, Stress and Production using Jenkins.
* Automate the builds and deployment of projects using Jenkins.
* Deployed configuration management and provisioning to Terraform, involved of automated deployment of EBS on to the AWS EC2 instances and automated the complete environment on AWS
* Implement, maintain and support reliable, timely and reproducible builds for project teams
* Hands on experience in automating builds and deployment process using Shell scripting.
* Setting up EC2s, Creating VPCs, modifying route tables, accordingly, Creating ELBs and configuring them to work on the service ports as per the application’s need.
* Experience working on several Docker components like Docker Engine, Hub, Machine and Docker Registry.
* Created Docker files and build images and push to the Docker private registry

**PROJECT DETAILS:**

* **Role:  DevOps Engineer**
* **Organization: Capgemini**
* **Client: NBC Universal**
* **Project-Service Now Paris Upgrade**
* **Team Size-15**
* **Duration: Aug 2016 – Apr 2022**
* **Location: Bangalore**

**Description: NBCUniversal Media, LLC is an American mass media and entertainment conglomerate, NBCUniversal is primarily involved in the media and entertainment industry. one of the United States' Big Three television networks – and the major Hollywood film studio Universal Pictures. NBCUniversal is also the third-largest operator of amusement parks in the world.**

* Managing Linux servers, Docker and Containers
* As a team lead work with the development team for daily update
* Work with the client for any high priority issues and resolve it asap
* Configuring CICD Jenkins related Jobs
* Deploying applications on Kubernetes using various deployment configuration on Test, Dev & Prod environment
* Kubernetes setup for new future plan
* Troubleshooting build failed issues
* Monitoring and troubleshooting multiplatform OS issues
* Working with Dev & Test team to resolve daily issues
* Manage build and test machines using Ansible and shell script

**Roles and Responsibilities:**

* Creation of release packages for delivery to the customer
* Reporting of build results to the PMs
* Coordinate user requests, and give user support concerning CI, Build, Configuration and Release Management issues
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specifies major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple branches environment
* Giving knowledge to developers about version control and build/ release concepts
* worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications.
* Participated in the release cycle of the product which involves environment like Development QA, UAT.
* Follow up on daily & weekly scrum call

**EDUCATION:**

* **BE - Computer Science & Engineering - RURUL ENGINEERING COLLEGE BHALKI(BKIT) - VTU BELGUAM**
* **12th - KARNATAKA SCIENCE PU COLLEGE BIDAR -Karnataka Board of the Pre-University Education, Bangalore**
* **10th GURU NANAK PUBLIC SCHOOL BIDAR - Central Board of Secondary Education, Delhi**

I declare that the information given above is true to the best of my knowledge

**Place: Bangalore**  **Anand Patil**

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