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| **Aedunuri Srinivas**  **AWS DevOps Engineer** |  |
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| **Cell : + 91-8331880986** |

**Experience Summary:**

Highly skilled **AWS DevOps Engineer** with a total of **4.6+** years of professional experience, including **3**+ years of focused expertise in AWS DevOps. Proficient in architecting and managing cloud infrastructure on Amazon Web Services, implementing CI/CD pipelines, and optimizing system performance. Demonstrated ability to leverage automation tools and configuration management for seamless deployment and monitoring of applications. Cross-domain experience from prior 3.6 years contributes to a versatile problem-solving approach and effective collaboration with multidisciplinary teams. A proactive learner and technology enthusiast committed to driving efficiency and innovation in complex, dynamic environments.

**Professional Summary:**

* Experience in creating the company's **DevOps** strategy in a mix environment of **Linux** (RHEL, Ubuntu) servers along with creating and implementing a cloud strategy based on **Amazon Web Services**.
* Strong Experience in different AWS Cloud Services, which includes the services like: **VPC, S3, SSM, ACM, Secrete Manager, EC2, ELB, EBS, Auto Scaling, ECS, ECR, CloudFront, Cloud Trail, CloudFormation, CloudWatch, Route 53, RDS, DynamoDB, Redis, Code Build, Code Deploy, Code Pipeline, Cognito, Inspector, Global Accelerator, Config, API, Lambda** etc.,
* Expertise in Infrastructure as a Code tools like **Terraform**, **AWS CloudFormation** and **Ansible**.
* Experienced in **Jenkins** pipeline as code to setup CI/CD by writing shared libraries in **groovy**.
* Hands on **Docker** and **Ansible** up to production level implementations.
* Successfully handled Containerization tools like **Docker**, orchestration tool like **Kubernetes**
* Experience configuring and updating the servers using configuration management tools like **Ansible**.
* Virtualized the servers on **AWS** using the **Docker**, created the **Dockerfiles** and version controlled them.
* Responsible for creation and management of **Ansible** **Playbooks**.
* Experience in configuring the Continuous Integration tools like **Jenkins, AWS Code Pipeline, GitHub Actions.**
* Version control and source code management using the **GitHub** and **AWS Code Commit**.
* Automation of build process (Build Automation) using the **Jenkins**, **Maven** and **Git**.
* Provided production support and development environments. Ability to communicate requirements effectively to team members and manage applications.
* Experience in using **Maven** as a build tool for building deployable artifacts (WAR & EAR) from source code.
* Proficient in scripting languages like Shell, Yaml, Groovy.
* Extensive experience on **Jenkins**, **Docker**, Build Forge for continuous integration and end to end automation for all build and deployments.
* Experience in configuring and deploying Java and J2EE applications into application servers (**Apache Tomcat, Nginx**)
* Strong knowledge on source controls concepts like Branches, Merges and Tags.
* Executing Ansible Playbooks to completely provision and manage EC2 instances, volumes and Route53 and S3.
* Used CloudWatch to monitor server services like logs, CPU, RAM and disk storage.
* Experience in using ticketing tool like JIRA
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Effectively co-ordinate with various functions development, testing, environment management, helpdesk within the organization throughout the SDLC.

**Academic Qualifications:**

* Graduated in **B.Tech (ECE)** from **JNTU Hyderabad** in 2017.

**Technical Skills:**

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| **Operating Systems** | UNIX/Linux (RHEL, Ubuntu), Windows, MacOS |
| **Scripting Languages** | Shell, YML, Groovy, Python |
| **Build Management Tools** | Maven |
| **Version Control / SCM Tools** | GIT with GitHub, Bitbucket |
| **Configuration Management Tools** | Ansible |
| **CICD Tools** | Jenkins, AWS Code Pipeline, GitHub Actions |
| **Containerization Tools** | Docker |
| **Orchestration Tools** | Kubernetes |
| **Cloud Services** | Amazon Web Services (AWS) |
| **Web/Application Servers** | NGINX, Apache Tomcat and HTTP Server |
| **Databases** | AWS RDS, DynamoDB |
| **Ticketing Tools** | Jira, Service-Now |
| **Monitoring Tools** | AWS CloudWatch |

**Experience Summary:**

* Working as a **DevOps Engineer** for **CTS, Hyderabad** from **June 2019 to Till Date.**

**Project History:**

**Project-2:**

**Project :** Volvo, Sweden

**Client** : CTS, Hyderabad

**Role :** DevOps Engineer

**Period :** Oct’ 2020 to Till Date

**Description:**

Volvo is a Swedish multinational manufacturing company headquartered in [Gothenburg](https://en.wikipedia.org/wiki/Gothenburg). While its core activity is the production, distribution and sale of trucks, buses and construction equipment, Volvo also supplies marine and industrial drive systems and financial services. it was the world's second largest manufacturer of heavy-duty trucks.

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| **Responsibilities:**   |  | | --- | | * Create and maintain fully automated CI/CD pipelines for code deployment Jenkins, Maven, Artifactory, Tomcat on AWS public cloud. * Responsible for creation and management of Ansible Playbooks. * Experience in configuring the Continuous Integration tools like Jenkins * Version control and source code management using the GitHub and SVN * Automation of build process (Build Automation) using the Jenkins, Maven and Git. * Write and maintain the Infrastructure as code for the environments using Tomcat, Jenkins and shell scripting on AWS public cloud. * Experience in Building Java Application through Maven * Scheduling cron jobs that run on daily basis * Handle end-to-end release of the project, creating code base for the developers, Build, Deploy and support for production deployments and incidents post deployment * Simulating the Client environments locally using AWS, Docker. * Creatively automated the solutions for builds using Ant & Maven. * Responsible for releasing multiple live apps in UAT and Production environments on a weekly basis as per Release schedule. * Fixed bugs on the build/deploy platforms, and worked closely with developers to understand their build requirements. * Configure Fortify Static Code Analysis and regularly monitor the reports * Built Continuous Integration Environment (Jenkins, Hudson, Bamboo) * Participated in all Product Release and Patches * Managed GIT as Source Control Systems. * Analyzed and converted Ant scripts to Maven scripts. * Manually deployed WAR, JAR files to various environments as part of release process. * Primary responsibilities include Build and Deployment of the java applications into different environments like Dev, INT and QA. Worked on both Windows and LINUX server environments for this project. * Writing scripts to automate system admin activities using languages such as BASH. * Responsible for design and maintenance of the GIT repositories and the access control strategies. * Worked with multiple development groups to design/create automated build and deployments using MS Build, Ant, Bash Shell, and PowerShell Scripting. * Coordinate/assist developers with establishing and applying appropriate labeling/naming conventions using TFS source version control. * Automating deployments process and Linux administration activities using Python and Shell scripting * Defined the Build and automated Testing Infrastructure. Educated both Development and QA teams with the tools and process. * Automated deployment of build artifacts like wars and ears into a IIS app server. * Deploying various jar, war files in various environments * Performed various data base tunings methods to work database smoothly * Creating various permissions to the users and assigning roles.   **Project- 1:**  **Project : RevoFi**  **Client** : Solulab, Ahmadabad  **Role :** System Engineer  **Period :** July 2019 to Oct’ 2020  **Description:**  **Responsibilities:**   * Installation, Configuration of WebSphere application server 7.0 and 6.1.X for clustered environments, creation of data sources, queue destinations, connection managers, listener ports. * Deploying applications using deployment scripts and administration console. * Deployments of ear and war files in development, preproduction and production environments in clustered environments. * Involved in configuring the WebSphere load balancing utilizing WebSphere Workload Management including horizontal scaling and vertical scaling. * Configured WebSphere resources including JDBC providers, JDBC data sources, and connection pools. Creating Version 4 Data Source as enterprise application needs. * Troubleshooting of WebSphere application server problems. * Monitored for Application core dumps, or forced thread dumps to check for system objects using thread analyzer. Administered various Log files using log Analyzer, Product logs, Installation logs, Administer server logs, Application server logs. * Configured the Web Server interfaces, session management, virtual hosts and transports for WebSphere Application Servers. * Implemented WebSphere Global Security using LTPA and LDAP Server. * Collection of JVM statistics, garbage collection data for monitoring the heap and physical memory. * Supported on call 24x7 production systems. | |