

Sudheer Kumar Sirisala

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Objective:

In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.

Professional Summary:

- Total having around **3.4-years** of professional experience as a **DevOps Engineer** in the field of Software Configuration Management & Build, Release and Deployment Management.
- Expertise in supporting multiple projects during builds and release process.
- Hands on experience with version control tool like **Git, GitHub**.
- Experience on **Git**- Created branches, tagging, setting externals and providing access permissions to the developers over branches.
- Good working experience on **Linux and Windows** Operating Systems.
- Good knowledge on **Shell Scripting** in multiple languages on **Linux** and **Windows**.
- Hands on Experience with Build Tool **Maven** to generate project **Artifacts**.
- Hands on experience in automating build process using **Jenkins CI** Tool.
- Good experience in deploying the build Artifacts in **Tomcat** Server.
- Worked on ticketing tool like **JIRA**.
- **Troubleshoot** the Application related issues in **production & Non- production** environments.
- Design, integration, deployment and administration – Tomcat Application Server across **Windows** and **Linux** platforms.
- Having good knowledge in Amazon EC2 technologies **EC2, S3, EBS, EFS, ELB, Auto Scaling, VPC and IAM**.
- Participate in building the DevOps Platform using configuration management tools like **Ansible**.
- Used tools like **Docker** for deployment automation and knowledge on Puppet.
- **Docker** installation and image setup.
- Creating custom image from a **Docker file**.
- Working on Docker file Instructions like **FROM, COPY, ADD, CMD, RUN, ENTRYPOINT, USER and ENV**.
- Good knowledge on Container Orchestration tools like **Docker Swarm and Kubernetes**.
- Ability to accept challenge, learn and grown in good profession manner.
- Successful in communicating with people at all levels and with other departments as needed to best serve the customer.

Technical Skills:

Version Control System Tools	Git, GitHub
Operating Systems	Windows, Linux
Scripting	Shell Scripting
Build Tool	Maven
Application Server	Apache Tomcat
Continuous Integration Tool	Jenkins
Cloud Environment	AWS
Configuration Management Tool	Ansible
Containerization Tool	Docker
Container Orchestration Tools	Kubernetes
Bug Tracking Tool	Jira

Work Profile:

Current Designation : DevOps Engineer
Area of Work : Aws DevOps
Domain : Retail, Healthcare& E-Commerce
List of Major Technologies : Windows, Red Hat Linux, Shell Scripting, Jira, Git, Tomcat, Apache, Maven, AWS, Docker.

Academic Credentials:

- Completed B.Tech from **Srinivasa Ramanujan Institute of Technology Anantapur**, 2018.

Professional Experience:

- Optum Global Solutions (India) private limited**
- Dec -2018 – Till Date.**
- Designation: AWS / DevOps Engineer**

Projects:**Project#2**

Project Name	Excelity ESS Portal
Role	DevOps Engineer
Duration	Feb-2020 to till date.
Environment	Git, Maven, Jenkins, Shell Scripting, Tomcat, Linux, AWS, Docker

Description:

EHRMS – Excelity ESS Portal is a web enabled integrated HR system that supports all the core HR functions which is used by Excelity onsite clients. Primary goal of this web application is to keep track of employee personal information, leaves & attendance information. The application features will be accessible by the user based on role base defined by the system. This System provides capabilities and features that are critical to the organization with a smart workflow approach ensure efficient and effective management of employees. The system is designed to make life easy for all types of users, with an integrated workflow to support all administrative processes and includes useful guides. Managers and supervisors can more effectively manage their subordinates.

Roles and Responsibilities:

- Setting up the new build environment for various applications in **Windows/Linux** environment.
- Managed to organizational standards by maintaining the source code in **Git** for various applications.
- Maintains and extends configuration and build sub-systems on **Git**.
- Creating and maintaining the development and stage branches on **Git**.
- Using **Maven** as a build tool, I could automate the process of building artifacts.
- Supported and helped to create dynamic views and **snapshot** views for end users.
- Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing **Jenkins** on a **Linux** Machine and creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Used **AWS** services like **EC2, S3, EBS, ELB** for building infrastructure.
- Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
- Help engineering teams implement **new technologies** in development for future production deployment.
- Actively monitor and administer the applications and hosting environment to increase **efficiency, improve reliability, and minimize downtimes**.
- **Measurement, optimization and tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
- Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
- Managing/Tracking the defects status using **JIRA**.
- Automating the manual process if any, by writing the **Shell Scripts**.
- Involved in deployment of the application using **Tomcat**.
- Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT and Production**.
- Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.

Project#1

Project Name	Airtel India Ltd
Role	DevOps Engineer
Duration	Dec-2018 to Jan 2020.
Environment	Git, Maven, Jenkins, Shell Scripting, Linux, AWS, Docker

Description:

Project is about maintaining ecommerce website of Sears 24/7. As major part of Sears business is based on Ecommerce site should be available all the time. Our team job is to build and release code for deployment on appropriate servers to Deployment team. Site will be developed in 4 stages- Integration stage, testing (QA) stage, staging (advanced testing) stage and production.

Responsibilities:

- Change /Modify scripts upon request by the user using Unix Shell scripting knowledge.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux) and Configuring launched instances with respect to specific applications.
- Installed application on AWS EC2 instances and also configured the storage on S3 buckets
- By using the Ansible to configure the EC2 Instances and Automate the Manual process.
- Managing Docker containers for different Environment. (DEV, STAGE, PROD etc)
- Implemented Continuous Integration using Jenkins and Hudson.
- Manage the Subversion branching strategy for a few applications.
- Coordinate with the Offshore and Onshore teams for Production Releases.

I hereby declare that the above-mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place: Hyderabad

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