

SIVA KUMAR

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PROFESSIONAL SUMMARY

- More than 8 years of experience in IT industry, this includes almost 6 years of experience as a Devops Administrator.
- Detailed technical knowledge and hands-on experience of Devops, Automation, Build and release.
- Managed in the design and implementation of fully automated Continuous Integration, Continuous Delivery, Continuous Deployment pipelines and Devops processes for Agile projects.
- Familiar with various software development life cycles like, Agile methodology, Scrum framework and traditional waterfall model.
- Managed DEV, QA and PROD environments for various releases and designed instance strategies.
- Tracking and updating GIT HUB repo and defects.
- Meticulously Track Change Requests and Incident Requests.
- Documenting on boarding process for clients.
- Coordinating with all the teams before and after the production deployments for the smooth Production releases.

TECHNICAL DETAILS

- **Operating Systems:** Windows, Linux (Red Hat, Ubuntu, Amazon Linux)
- **Webservers / Application servers:** Apache, Nginx, Tomcat.
- **Databases:** MySQL, SQL Server.
- **Programming, Scripting and other Languages:** Shell (Bash), YAML, Python.
- **Public Cloud:** AWS. Knowledge in following AWS services: EC2,S3, IAM, Cloud Watch, Cloud Front, Route53, EBS, ELB, Cloud formation, AWS container services
- **Devops tools:**
- **Version Control Systems:** Git & GitHub, Knowledge on Gitlab
- **Continuous Integration, Build/Test tools:** Jenkins, Maven, JUnit etc.
- **Configuration management:** Ansible, Terraform
- **Monitoring tools:** Site scope, Control-M, Cloudwatch, NewRelic.
- **Containerization and container management tools:** Docker, Kubernetes.
- **Defect tracking tools/Ticketing systems:** Jira.
- Knowledge on Openshift.

EMPLOYMENT SNAPSHOT

- Devops Engineer: Sep 2021 – Till date
- Devops Automation Engineer: Aug 2018 – Sep 2021
- Unix Admin: Feb 2017 – Aug 2018
- CA-OPS Production Support: Apr 2016 – Fed 2017

PROJECT DETAILS

Project # 1: Partemer Ready Portal(PRP).

Company : Hewlett Packard Enterprise
Environment : Devops Engineer
Duration : Sep 2021– Till Date
Description : This portal contains all HPE and Aruba content which is capable of supporting all partners no matter their location or business type.

Roles & Responsibilities:

- Implemented Jenkins pipeline as per requirement using declarative pipeline and groovy scripting.
- Ansible Implementation for configuration files deployment to all environments.
- Worked on setting up High Availability & Upgrading Project.
- Implemented Hashicorp Vault for encrypting sensitive information.
- Worked on Cert Renewals and Patching Activities.
- Supported for deployments and releases.

Project # 2: Synapse.

Company : Birlasoft India ltd
Environment : Devops Automation Engineer
Client : Meredith
Duration : Aug 2018 – Sep 2021
Description : Synapse Group, Inc. is a leading individual provider for magazine subscription. Synapse's customer programs engage, monetize and reward customers through subscriptions to magazines.

Roles & Responsibilities:

- Plan, deploy, monitor, and maintain Amazon **AWS cloud** infrastructure consisting of multiple **EC2** nodes and **VM's** as required in the environment.
- Build and Deployment of the java applications into different environments like **Dev, QA** and **Prod**.
- Involved in automation and continuous integration processes with **Jenkins, Ansible**.
- Involved in bash scripting to automate services.

- Setup and build AWS infrastructure using various AWS services like **VPC, EC2, S3, IAM, EBS, Security Groups, Auto Scaling, and RDS**.
- Knowledge in infrastructure for high availability using multiple **AWS availability zones**.
- Involved in dynamically adding and removing servers from AWS production environment by **Auto-scaling**.
- Experience in **Cloud Watch** Monitoring.
- Creating Users, Groups, Roles and Policies using **IAM**.
- Knowledge on **Load Balancers** for controlling web traffic.
- Involved in creating **Docker containers** to deploy and run various web applications.
- Perform periodic system audits on all environments to ensure that only controlled versions of software reside in all environments. Automated the system audit procedure.
- Assisted developers with establishing and applying appropriate branching, labeling/naming conventions using **GIT** source version control.
- Automated deployment of build artifacts like wars and ears into a **Tomcat** app server.

Project # 3: Synapse.

Company : Birlasoft India ltd

Environment : UNIX Admin

Client : Meredith

Duration : Feb 2017 – Aug 2018

Description : Synapse Group, Inc. is a leading individual provider for magazine subscription. Synapse's customer programs engage, monetize, and reward customers through subscriptions to magazines.

Roles & Responsibilities:

- Involved in gathering and understanding of the requirements.
- Involved in Continuous build and deployment using Jenkins.
- Performed UNIX related tasks.
- Maintained various servers.
- Worked on flexible hours for production, backup and on-call support for 24/7 environments.
- Involved in application level troubleshooting for Dev., Test & Production environment.
- Deployed applications (WAR) files on multiple servers.
- Worked with DBA to maintain the Databases.

Project # 4: GE Capital Americas.

Company : Birlasoft India ltd

Environment : CA-OPS Production Support

Client : GE

Duration : Apr 2016 – Feb 2017

Description : GE Capital is having the largest commercial and consumer products manufacturers. GECapital does business with a wide array of commercial products along with the financial solutions for businesses and consumers. Project aim is to provide seamless support for application users, to act as one point of contact for users and get end-to-end resolution to their issues.

Roles & Responsibilities:

- Checking server mount points, components & services in infra related.
- Creating users and providing access and modifying user responsibilities when required.
- Working on issue with Application team and performing SFDC Activities with App team.
- Production support release.
- Ability to perform functionality like: Workflow, Report & Dashboard, Security, Data Management (Import & Export data), Data Modeling (Objects, Fields, Relationships)

ACCOLADES

Awarded with "Achiever of the Quarter" for my contribution in the project

EDUCATIONAL QUALIFICATIONS

- B.Tech in Computer Science & Engineering from Annamacharya Institute of Technology & Sciences in 2014 (JNTU University, Anantapur).
- 12th from Sri Krishnaveni Jr. College, Hyderabad in 2009.
- SSC from Nagarjuna High School, Kadapa in 2007