Devops/ SRE Dummy

Professional summary:

- Having 5+ years of proven experience on DevOps , Build and Release, Software Configuration activities, Site Reliability Engineering and deployment activities for web-based software applications.
- Hands-on experience in building, designing and maintaining cloud-based applications with AWS
- Hands-on experience to build and handle VM's, Containers utilizing tools like Kubernetes, Docker
- Create Deployment configuration template files, creating persistent volume, resources and limit quotes
- Ensure the container orchestration platform (Docker/Kubernetes) based on open source technologies is regularly maintained and released to production without any downtime
- Supporting Docker Infrastructure and Help Dev Teams with their Code Deployment
- Experience in developing and maintaining CI/CD process for SaaS applications by accessing tools like Git, Maven and Jenkins.
- Written Ansible playbooks to deploy war files on tomcat servers.
- Install Nginx, Apache web servers using Ansible playbooks
- Extensive experience in operating scripting language like Shell.
- Deploying micro services in Kubernetes cluster.
- Configuring and creating the dashboards for App Dynamics.
- Set up alerts to automate the monitoring of your system for specific recurring events using Splunk.
- Experience in building and deploying Java web applications in Linux/ Windows environment by using uDeploy.
- Automation of Release process from one revision to other.
- Responsible for health check of applications and maintenance of business transactions using Application Dynamics
- Worked on automating data source configuration in Jboss.
- Responsible for resolving issues of application downtime.
- Sound Knowledge on Administration and working of Git Version Control tool.
- Proven experience on Branching, Merging and Tagging concepts in Version Control tool like Git.
- Setting up project baselines, branching strategies, merging and taking regular backups of the source code.
- Hands-on experience in creating packages like JAR, WAR and EAR using Maven build tool.
- Experience in end to end building and Deploying and configuring process and implementation from local QA environment to UAT and Production.
- Performed continuous Build and Deployments to multiple environments like Dev, QA, SIT and UAT.

- Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
- Wrote shell scripts to perform deployment of Java Build files and automating manual tasks.
- Good knowledge on SDLC Methodologies like Agile model.

Work experience:

- Presently Working with   : Gavs Technologies Pvt Ltd
- Designation   : Senior Engineer
- Duration   : Jan 2021 to till date
- Previously worked with   **:** Wells Fargo International Solutions Pvt Ltd
- Designation   **:** Systems Operations Sr Analyst
- Duration   **:** July 2017 to Jan 2021
- Previously worked with   **:** Cognizant Technology Solutions
- Designation   **:** Infrastructure Engineer
- Duration   **:** May 2016 to July 2017

Technical summary:

- SCM Tool   **:** Git
- Build Tool   **:** Maven
- Continuous Integration Tools **:** Jenkins
- Continuous Deployment Tools **:** uDeploy
- Containerization Platform **:** Docker and Kubernetes
- Code Review Tools   **:** Sonar Qube
- Configuration Management Tool **:** Ansible
- Cloud Platform   **:** AWS
- Monitoring Tools   **:** App Dynamics and Splunk
- Web Server   **:** Apache.
- Application Server   **:** Tomcat
- Scripting   **:** Bash Shell scripting
- Operating Systems   **:** Windows and Linux

Project profiles:

#3- Client name: Premier Inc Health Insurance

Position: Sr. Infra Engineer
Duration: Jan 2021 to Till date
Team Size: Offshore 3, Onsite 5
Environment: Linux, Docker, Mirantis Kubernetes Engine(MKE), Mirantis Secure Registry(MSR), Service now, Solarwinds, Sysdig, Cloudbolt and SaltStack

Description:

Premier, Inc. is a healthcare improvement company headquartered in Charlotte, North Carolina, United States. In the early 2000s, Premier was a hospital buying group, pooling healthcare purchases to reduce prices. In 2017, Premier acquired Stanson Health for $51.5 million. In 2019, Premier acquired Medpricer, a healthcare technology firm, for $35 million In June 2020, Premier partnered with McLaren Health Care to acquire a minority stake in Prestige Ameritech, a manufacturer of PPE. At Premier, we're reinventing the next generation of healthcare, using every tool in our arsenal to lower costs and improve outcomes.

Roles & Responsibilities:

- Supporting Docker Infrastructure and Help Dev Teams with their Code Deployment
- Responsible for adding nodes to the Docker Swarm Cluster
- OS Patching activities on Prod/Non-Prod Servers
- DTR(Docker Trusted Registry) Migration to MSR(Mirantis Secure Registry) Automation using Shell Script
- DTR Pruning automation through shell script
- Node provisioning automation through ansible playbooks
- Deployment of filebeat container to export and visualize the logs to Elastic Search and Kibana.
- Troubleshooting the Docker services when the issue occurs
- Automation of server metrics violation such as disk space, CPU Utilization, swap space, RAM
- Resolving the network issues of the docker containers

#2- Client name: Wells Fargo EGS India Pvt Ltd
Position   : Systems Operations Sr Analyst
Duration.   : July 2017 to Jan 2021
Team Size. : Offshore 5, Onsite 5
Environment: Red hat Linux, App Dynamics, ARIO, HP OVPM, Jenkins, uDeploy, JIRA, Pac 2000, Splunk

Description:

Wells Fargo & Company (NYSE: WFC) is a diversified, community-based financial services company with $2.0 trillion in assets. Founded in 1852 and headquartered in San Francisco, Wells Fargo provides banking, insurance, investments, mortgage, and consumer and commercial finance through more than 8,500 locations, 13,000 ATMs, the internet (wellsfargo.com) and mobile banking, and has offices in 42 countries and territories to support customers who conduct business in the global economy. With approximately 273,000 team members, Wells Fargo serves one in three households in the United States. Wells Fargo & Company was ranked No. 25 on Fortune's 2017 rankings of America's largest corporations. Wells Fargo's vision is to satisfy our customers' financial needs and help them succeed financially.

Roles & Responsibilities:

- Responsible for sever health check of Applications and maintenance of business transactions using Application Dynamics
- Capacity management using ARIO (Application Rationalization Infrastructure Optimization) and HP Performance Manager.
- Reporting Red List and Watch List servers throughout the Enterprise Functions Technology department(EFT)
- Remediation of servers which are in Red List and Watch List as a precautionary measure
- Working on trending and forecasting reports of all applications that are under EFT Platform Management Team, specifically Platform Engineering.

- Resolving JIRA tickets related to build and deployment issues
- Creating change requests and work orders for upgrade of tools
- Platform management of enterprise business technology line of business using Application Dynamics
- Configuring and Creating the dashboards for App Dynamics
- Working on health rule violations and reporting accordingly to the application owners.
- Set up alerts to automate the monitoring of your system for specific recurring events using Splunk.
- Generate analytical reports with interactive charts, graphs, and tables and share them with others in Splunk.
- Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
- Troubleshooting application related issues by log verification.
- Verify Deployments logs to check for successful deployments.
- Perform smoke/sanity tests for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.
- Planning and documentation of the requirements.
- Wrote Shell scripts for doing Deployment and take the Git repository backups.
- Deploying the War in Apache Tomcat.
- Sending daily, weekly extracts to customers.
- Taking weekly back-ups like Jenkins home directory.
- Design and create automated Build and Deployment process.
- Responsible for creating Builds and Deployments Planes.
- Responsible for taking the source code and compiling using Maven.
- Package it in its distributable format, such as a Jar, War, and Ear.
- Perform Build activities using Maven and Jenkins tool.
- Perform Deployment of War files in Tomcat application servers using Jenkins.
- Automate the build Process Using Jenkins jobs.
- Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
- Troubleshooting application related issues by log verification.
- Verify Deployments logs to check for successful deployments.
- Perform smoke/sanity tests for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.
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- Design and create automated Build and Deployment process.

#1-Project name: Ally Auto Advantage
Position   : Infrastructure Engineer.
Duration   : May 2016- July 2017
Team size   : Offshore 4, Onsite 3

Environment : Red Hat Linux, Git, Maven, Jboss, Jenkins, Shell Script, uDeploy, SQL.

Description:

Ally Financial Inc., known as **GMAC Inc.** (an acronym for **General Motors Acceptance Corporation**) until 2009, is a bank holding company headquartered in Detroit, Michigan. The company provides financial services including auto financing, corporate financing, insurance, mortgages, stock brokerage, and online banking. The company offers financial services, such as retail auto financing and leasing, dealer lines of credit, insurance coverage, and vehicle auction services. Customers included over 18,000 automotive dealerships and 4.4 million retail consumers.

Roles & Responsibilities:

- Responsible for resolving build and deployment issues.
- Worked on automation via shell scripting.
- Perform Deployment of war and ear files in application servers using uDeploy.
- Automate data source configuration process in Jboss.
- Automated password expiry notification of servers.
- Worked on release process automation.
- Maintaining issue tracker on daily basis.
- Automation of releasing artifacts to Artifactory.
- Doing smoke testing for same and fixed the related issued immediately.
- Written SQL queries for stored procedures, database table/schema design and debugging.
- Maintain GIT Repositories, Handling Releases and Branching activities.
- Creating branches, tags and Managing Repository.
- Helping users on day to day activities involving Check In, Checkout, Branching problems, and user's access control.
- Ability to communicate with multiple teams.
- Coordinating with the development team for merging the code in Git.
- Upgrade and Troubleshooting Git related problems.
- Maintain the project related documents in Git.
- Troubleshooting build scripts when build fails.
- Automate the build process using Jenkins jobs.
- Implementing continuous integration (CI) using Jenkins.
- Creating Jobs in Jenkins. Running the jobs as per build calendar.
- Scheduling the nightly builds in Jenkins.
- Sending mails through Jenkins if the job fails.
- Deploying the artifacts in to servers for Sanity Test.
- Deploying the JAR / WAR files in Jboss application server.
- Verify deployments logs to check for successful deployments.
- Verifying the log files if the deployment fails.
- Explaining the reason for fail to developers.
- Restart server once the deployment is completed.

- Maintaining the release tracker.
- For New applications, work with development to get the requirements of application build and deployment process
- Keeping track of release files for every release.
- Deployment, Maintenance and support for DEV, QA, UAT and Production servers.
- After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build calendar.

- Creating branches and tags on Git repository and provided branches access permission to dev team.
- Responsible for tagging and maintain code on version control Git.