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VAIBHAV MANE

Summary:

- ✓ 2+ year's experience & result oriented DevOps Engineer possessing experience of managing DevOps tools & effectively handling configuration & deployment of infrastructure.

- ✓ DevOps concepts such as containerization, version control, cloud computing, etc. by using technologies while working with multiple Operating Systems for deployment.

Work Experience:

DevOps Engineer
Starsun Technology December 2017 – August 2020

- Automation of PHP applications & JAVA web application to achieve continuous integration and continuous delivery (CI and CD).
- Our company's goal is to deliver product updates frequently to production with high quality & reliability. We also wanted to accelerate software delivery speed, quality and reduce feedback time between developers and testers.
- We have used Amazon Web Services (AWS) cloud for instance.
- Git is used for version control, for tracking changes in the code files. As the developer developing the code that code will be committed on git. It will records the all the version of the code.
- To build the java code we have stepped maven as build tool. Using that we were building the projects & deployed on apache server using Jenkins jobs
- We were used Jenkins for CI & CD. We used freestyle project jobs. Compile the jobs then build is done using the poll SCM when the code is changed/ committed. And code review Job is done, it will show the review of code. Testing will be done through Jenkins.
- We have built the pipeline using the freestyle projects job.
- Configured and maintained Jenkins to implement the CI/CD process along with Shell scripts to automate routine jobs.
- Built and deployed Docker containers for implementing micro service architecture to Monolithic architecture.
- Orchestrated Docker container cluster using Docker swarm. For Load balancing used the Docker swarm services.
- Selenium for automating tests on the deployed web application. As soon as the code is ready for production that will be deployed.
- We build automation CI&CD for web application for PHP as well as JAVA.

Role & Responsibilities:

- Worked on java web application using apache-tomcat server on ec2 instances. Need to build CI-CD pipeline for java web application. By using Maven as build tool.
 -Utilized GIT to manage source code developed by various platform engineers.
- Experience in working on version control systems like git and used source code management client tools like Git & Git hub for remote repo
- Used GIT as a source code management tool: creating local repo, cloning the repo, adding, committing, pushing the changes in the local repositories, saving changes for later (Stash), recovering files, branching, viewing logs, pulling latest commits.
- Continuous Integration we used Jenkins tool for build we have used Maven tools & through the Docker container we deployed the web-app.
- For the Configuration management tool, we are using the Ansible. In ansible we will write the playbook and run it. If required need to write the Dockerfile & build that Dockerfile on Host.
- Using ansible we required install any package on multiple Servers using playbook is automated. Run the playbook on master so required packages will install on different slave
- Work with automation services, platform & Infrastructure Management using Ansible.
- Set up the necessary tools such as git & other required tools for the required platform of deployment using the ansible.
- Hands-on knowledge of software containerization platforms like Docker. Writing the Docker file if required
- Implementing a continuous deployment (cd) pipeline involving Jenkins to complete the automation from commit to deployment.
- Worked on creation of custom Docker container, tagging and pushing the images.
- We created a Selenium Test case for your PHP code. This will conclude the PHP application is deployed and is running fine.
- The deployment should then be tested using a test automation tool, and if the build is successful, it should be pushed to the prod server.
- Requirement understanding and suggesting solutions.

Tools know: Git, Jenkins, Ansible, Docker, Docker Swarm, AWS Cloud, GCP.

Skills
- Able to priorities tasks and workloads in order of importance.
- Capable of grasping new concepts quickly.
- Knowledge of bash shell script
- Strong decision making and problem-solving skills & leadership skills
- Know the git commands & ansible-playbook commands
- Knowledge of the cloud environment.

EDUCATIONAL QUALIFICATION:

BE-(**Computer Science Engineering**)
- NK Orchid College of Engineering and tech (2015) with 64.56%

Diploma- (**Information Technology**)
- SPM polytechnic, Kumathe Solapur (2012) with 74.56%

SSC-
- KMPK high school, Solapur – (2008) 62.76 %

PERSONAL PROFILE:

Nationality: Indian
Date of Birth: 22nd September 1992
Languages known: English, Hindi, & Marathi
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