

DevOps Engineer with 4.7 Years

SAWARMAL GUPTA

Devops Engineer

Hyderabad, India

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OBJECTIVE

To pursue a career full of challenges which provides me ample opportunities to learn and grow. At the same time I want to fully utilize my capabilities to dedicate myself to the organization and add value to it by sincere efforts.

SKILLS

Operating System : Linux, UNIX, Windows

Build Deployment Tools : Jenkins

Build Environment Tools : Maven

Defect Tracking Tools : JIRA

Version Control Tools : GIT, GITHUB

Server Administration : Linux Build Server, apache Tomcat, git, JIRA, Jenkins

Scripting Languages : Unix Shell Scripting and Groovy Scripting

Cloud environment : AWS

Container : Docker

Container-orchestration : Kubernetes

WORK EXPERIENCE

1. Currently working as **Devops Engineer** in **IntevestIG.** from 05th June 2017 to till now.

Projects: -

Projects to implement/enhance below functionalities for the Finance and Billing Transactions:

1. Transaction authentication process.
 2. Future Dated Payment
 3. QR code Payment.
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- Automating environment build and provisioning using containerization and orchestration tools with **Docker and Kubernetes**.
 - Strong relevant experience on Git, Linux Automation (Shell), Jenkins, Maven/Gradle, CI/CD, Docker, Kubernetes.
 - Setting up Jenkins and Docker based builds in AWS.
 - Introducing pipeline and automation best practices, putting together an introduction to Docker and Kubernetes on AWS.
 - Worked on aws services like **EC2, S3, VPC, Load balancing, autoscaling, EBS etc**
 - Developing Docker images to support Development and Testing Teams and their pipelines with distributed Jenkins.
 - Assisted in creating environment for Docker migration.
 - Designed and developed automated deployment and scaling process based on Docker and **Kubernetes** for all services.
 - Deploying and managing microservices thorough the **Kubernetes**.
 - Troubleshooting Kubernetes deployments failures in continuous integration.
 - Modified and tuned existing shell scripts. Written scripts to make my life easier in the work.
 - Worked on branching and merging. Creating branches for different teams and for different projects. Merging branches periodically and according to requests from dev teams.
 - Setup Jenkins and created jobs for different builds.
 - Gathering Information from the Clients and providing consultation by performing POC and setup the Build/Deployment and Release Management.
 - Deployments to multiple environments like QA and UAT.
 - Setting up the automatic build and deployment automation for Java base project by using JENKINS and

Maven.

- Migrated Jenkins, GIT to AWS cloud and worked on managing infrastructure.
- Write shell scripts to automate manual and repetitive tasks.
- We follow the best practices by creating the labels, branches and merging the branches if required.
- If any merging conflict occurs means we need to resolve it with the help of development team.
- We are responsible for releases, doing builds and managing build system
- If any build failure occurs means we need to get in touch with the development team and we need to resolve it.
- Enough understanding to debug or specify major component areas where major bugs or build failures occur.
- Experience in configuration management and release engineering in multiple-branches environment.
- Experience in working on version control systems like Subversion and GIT and used Source code management client tools like CVS, Stash, Git and other command line applications etc.
- Extensively worked on continuous integration tool like Hudson, Jenkins and for end-to-end automation of various build and deployments.
- Work closely with system Engineers, QA, business and other teams to ensure automated test efforts are tightly integrated with the build system and then test results of various functionalities are sent to the team after running automated tests on newly deployed code.
- Excellent Knowledge of Application Lifecycle Management, Change & Release Management process.
- Exposed to all aspects of software development life cycle (SDLC) such as analysis, planning, developing, testing, implementing and post-production analysis of the projects.
- I am responsible for modifying and tuning existing scripts.
- Worked on branching, merging and resolving merging conflicts.
- Setting up Jenkins jobs and configured slaves to Jenkins to run multiples builds
- Created branches for different teams and merged the branches periodically and according to requests from dev teams.
- Responsible for patch and load builds.
- Done deployments to multiple environments using puppet
- Reduce the burden of loads on single server by distributing the loads on different server using master slave concept.
- Generate report and send an email to managers about status of builds.
- Manage branching, merging and releasing activities for the engineering applications and libraries that make up our large service-oriented platform.
- Responsible to patch builds, daily builds, weekly builds and resolving issues related to build failure.

- Automating build and release activities using shell scripting.
- Source code branching strategies and methodologies for development and releases.
- Managing automation for customer access permission on git servers.
- Design, implement, and maintain continuous build and deployment mechanisms.
- Managing build infrastructures environment setups and monitoring daily operations in Jenkins and enhancing/troubleshoot issues/problems.
- Identifying and driving automation of tasks associated with continuous integration and release process
- Revamping for existing build configuration to easily manageable and user friendly for automation.

STRENGTHS

- Good Oral, written and presentation skills.
- A high tolerance of stress and enjoys responsibilities.
- Lead and work as a team in organized way.
- Action oriented and result focused.

EDUCATION DETAILS

- University : Rajiv Gandhi Proudyogiki Vishwavidyalaya.
- College : RKDF Institute of Science & Technology, Bhopal.
- Department : Electrical and Electronics Engineering

SNo.	Certificate Awarded	College / Board	Year of Passing	Cumulative % Marks
1.	B.E.	RKDF/RGPV, Bhopal.	2014	72.7
2.	Standard XII	Dav Public School/CBSE, Bokaro.	2010	65.0
3.	Standard X	Dav Public School/CBSE, Bokaro.	2008	69.9

PERSONAL PROFILE

Date of Birth : 18-Jun-1993

Languages known : English & Hindi

Pan number : BAWPG4335F

Nationality : Indian