DevOps Engineer (6.4 Years of Experience)

Punit Tilekar

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DevOps Engineer with 6.4 years of hands-on experience in automating and

optimizing mission critical deployments over large infrastructure. Proficient with Configuration Management tools, and in developing CI/ CD pipelines.

# ***Technical Skills***

* **Jenkins (CI Tool)**
* **AWS cloud**
* **Linux, bash and Shell Scripting**
* **Build Tool - Maven, Ant, Makefile**
* **Version Control Tool- GIT, CVS**
* **Apache Tomcat**
* **Docker, Kubernetes, Helm Chart**
* **Issue tracking tool JIRA, Bugzilla and confluence**
* **Configuration management tools like Ansible, Terraform**
* **Sonarqube**
* **AWS and CKA certified**

# ***Education***

* BE in Bangalore institute of technology - VTU - Bangalore
* PUC-Nalanda Indp pu college - KBPUE - Bellary
* SSLC-GuruNanak high school - KSEEB - Bidar

# ***Experience***

## Nov 2014–Till date

### Devops and Build release Engineer | Crestron| Bangalore

# ***Technologies***

**Linux/Unix, Shell Scripting, CVS, GIT, GITHub, Gerrit, Pull Request, Maven, Ant, Makefile, Jenkins, CI-CD using Jenkins Pipeline, Apache Tomcat, JIRA, Bugzilla, AWS, Docker and Docker Swarm, Kubernetes, Ansible,Terraform, Sonarqube, Artifactory, Helm Chart.**

# ***Professional Skills***

* Experience in developing **Cl/ CD pipelines**
* Proficient with various development, testing and deployment tools - **Git, Jenkins, Docker, Kubernetes,Ansible, Docker, Nagios**
* Worked on AWS services **like EC2, S3, VPC, Load balancing, Autoscaling, etc**
* Involved in virtualizing the services using the IaC **Terraform**
* Developing docker images to support development and testing teams with Jenkins pipelines
* Involved in improving service reliability using DevOps methodology, by creating, optimizing and automating operation focused processes.
* Worked on **Kubernetes cluster** to manage containers and deployments
* Working on Linux and Scripting languages (Bash, Shell)
* Good understanding of DevOps key concepts like Infrastructure as code
* Strong working knowledge of Cloud environment and tools. **AWS** experience is a plus
* Hands-on Knowledge of software containerization platforms like docker and container orchestration tools like Kubernetes and Docker Swarm.
* Experience working with CI-CD implementation a Microservices architecture
* Ability to work within a Team with strong analytical, problem-solving, communication skill
* Demonstrated ability to effectively establish and maintain working relationships-disciplines across the organization
* Flexible and adaptable; able to work in ambiguous situations.

# ***Project***

Scripting Toolkit: Offers a seamless integration of customers with the built-in CLI feature and enables them for multi-server deployments. The Scripting Toolkit provides a flexible way to create standard server configuration scripts to automate many of the manual steps in the server configuration process. This automated server configuration process cuts time from each server deployed, making it possible to scale server deployments to high volumes in rapid fashion. Since the commands are executed remotely there is no OS dependent tools required to perform the task.

**Roles and Responsibilities:**

* I acquire strong experience in enterprise application integration including APIs, Web Services, Micro Services, Containerization - Kubernetes
* Experience with AWS - including but not limited to EC2, S3, RDS, IAM, Redshift, and Route53
* Automated and Orchestrated workloads across multiple public cloud providers.
* Proficiency in scripting languages such as Shell, Bash, Python
* Building and deploying large-scale Java web application, Experience with highly available / responsive system.
* Been following SCM practices, such as branching and code merge
* Solid experience with Linux (Ubuntu, CentOS) administration.
* To work effectively within a team and with minimal supervision
* Administration Experience in CVS and GIT. Proficient with Git and Git workflows, Branch creation and tags using GIT.
* Experience with container orchestration systems such as AWS ECS or Kubernetes.
* Experience with server-side technologies such as Apache, Nginx.
* Shell programming experience with Bash, strong command-line.
* Experience with server monitoring systems like Nagios.
* Server automation with Terraform and Ansible/Puppet or other configuration management  
  tools
* Experience with continuous integrations systems, Jenkins
* Trouble shooting issues Related to these tools. Supporting Developers in day to day Activities.
* Handling all the releases such as Maintenance Release, Emergency Release and Launch of new projects.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
* Managed Daily Builds and Releases to QA and Debugged Build failures and worked with developers and QA people to resolve related issues.
* Helping Testing Team by making sure that all the backend jobs work effectively at the time of QA and UAT.
* Patches creation and releasing the patches to developers.
* Setting up the cronjobs for loads and releasing the loads to the developers.
* Responsible for tagging and maintain code on version control CVS.
* Bugzilla Activities.
* Date wise Daily keeping track all the Script.
* Making Application, Reports and Script ready for the Release on time.
* Troubleshooting application related issues by log verification.
* Debugging Build & Release related issues.
* Creation of software configuration management Planned documents
* Sending daily, weekly extracts to customers and Taking weekly back-ups.
* Client Interaction with high Risk and Doing smoke testing for same and fixed the related Issue Immediately.
* Maintaining Release Owners Page & Software loads page as per the update.
* Workspaces clean up as per the update.

# ***Personal Details***

Date of Birth : 25-august-1993

Languages Known : English, Kannada and Hindi.

Father : Devidas Tilekar

# ***Declaration***

I hereby declare that all the above-furnished details are true to the best of my knowledge

Punith Tilekar