ASHUTOSH JHA

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Profile Summary

- 4+ years of experience IT Industry comprising of Cloud Operations and Infrastructure Management, Server Administration, Application Lifecycle Management, CI/CD/CM and Containers.
- Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using **Amazon Web Services (AWS)** and **Google Cloud Platform(GCP)**
- Highly skilled in Data **Security**, Data **Migration** of the applications using AWS services.
- Experienced in implementing Organization **DevOps strategy** in various operating environments of Linux and windows servers along with cloud strategies of Amazon Web Services.
- Expertise in **Deployment** Automation and **Infrastructure as a Code** using **Ansible & Chef** and Continuous Integration and Pipeline Jobs using **Jenkins**.
- Experience in **Designing**, **Configuration**, **Administration** and **Monitoring** of Dev, QA, Staging and Production Environments on Cloud.
- Worked with **Docker** container infrastructure to encapsulate code into a file system with abstraction and automation.
- Have used **Docker** Build , **Compose** , **Swarm** for Docker Image Management, Multi Container Environment and **Container Cluster Management.**
- Experience with **Elastic Container Service(AWS)** and **Kubernetes Cluster(GCM)**
- Experience in Server Monitoring using **Nagios** and AWS **Cloudwatch**
- Have done Log Management using **ELK** , **GrayLog2** and **Splunk.**
- Experience in Configuration, Administration and Monitoring of **Application** Server, **Web** Server, **Database** Server, **LDAP** Server, **Queuing** Server etc.
- Hands on Project experience of Amazon web services like EC2, ELB, RDS, S3, Route53, VPC, CodeDeploy etc.
- Exposed to build tools like **ANT**, **MAVEN** and bug tracking tool **JIRA** in the work environment.
- Experience with Version Control Systems like **Git** and **SVN**, Administration experience with **GitHub** and **Bitbucket**.
- Have good debugging skills.
- Have good **QA skills** and experience in Manual Testing.
- Have good Communication and Public Speaking skill.
- Conducted Tech **Workshops** and Online **Webinars** on Weekends on DevOps and Cloud Technologies.
- Possess high working qualities with good interpersonal skills, high motivation, fast learner, good team player and very proactive in problem solving to provide best solutions.

Skill Matrix

AWS Services	CI/CD	Servers	Log and Monitoring
▪ EC2 ▪ VPC ▪ S3 ▪ RDS ▪ Route53 ▪ Auto Scaling Groups ▪ Cloud Formation Templates ▪ IAM ▪ EBS ▪ ELB ▪ Cloud Watch ▪ Code Deploy ▪ ECS ▪ Lambda ▪ SNS	▪ Ansible ▪ Chef ▪ Jenkins **Build Tools** ▪ Ant ▪ Maven	▪ Apache HTTP ▪ Apache Tomcat ▪ Nginx ▪ MySQL ▪ PostgreSQL ▪ RabbitMQ ▪ Redis ▪ Varnish ▪ Postfix	▪ Nagios ▪ ELK **Platforms** ▪ Ubuntu ▪ RHEL/CentOS ▪ Windows
	Version Control Systems ▪ Git ▪ SVN ▪ GitHub ▪ Bitbucket	**Containers** ▪ Docker ▪ Compose ▪ Swarm ▪ Kubernetes	**Artifact Management** ▪ Nexus ▪ Docker Hub

Work Experience

Junior Consultant (DevOps)

ATOS, Pune, INDIA
June 2017 - Present

- Working closely with AWS and Azure Team to provide solutions and implementation of different CI/CD pipelines using Jenkins and Ansible.
- Aligned DevOps activities across the Teams by implementation of Automated Build, Test and Deploy Process
- Secured the whole DevOps tools list by implementing Access Control list and SSL.
- Upgraded Nexus 2 to Nexus 3 and implemented Project/Role Based Access Control.
- Configured Jenkins Slaves to create Test Environment for Selenium Tests
- Created Multiple Pipeline Jenkins Jobs for Different Teams
- Implemented Nagios Monitoring with Alerts for different Servers
- Done Server Administration for Multiple Servers
- Implemented Docker Containers for some services as POC

DevOps Engineer

Webonise Lab, Pune, INDIA
May 2016 - June 2017

- Designed and Implemented different environment infrastructure for multiple customers using AWS Services and Chef
- Successfully Automated CI/CD for multiple Customers using Chef and Jenkins
- Helped Teams to achieve Highly available and Scalable Infrastructure using AWS ELB and ASG
- Done On-Site Deployment and Configuration of Geo data based Application at Client Location
- Handled more than 100 servers for different clients and different AWS accounts
- Done Infrastructure Auditing for several Servers
- Installed and Configured Private Cloud on In-Premise Hypervisor using OpenStack
- Migrated Several existing Application Infra from VPS to AWS Infrastructure

Software Engineer

Persistent Systems Ltd. Pune, INDIA

June 2014 – May 2016

- Handled more than 100 Servers for different types of Application on AWS
- Created Infrastructure for different type of Servers like Web, App, DB, Caching and Queuing using AWS Services
- Created CI/CD pipelines using Jenkins and Build tools
- Handled different types of Databases like MySQL and Mongo
- Helped teams to create Application Servers like Tomcat and NodeJS
- Managed API Servers using WSO2
- Helped teams to create Automated deployments using Chef to Created Software as a Service
- Helped QA in basic regression and smoke testing

Intern

Persistent Systems Ltd. Pune, INDIA

Jan 2014 - July 2014

- Written multiple Chef recipes for different application for different platforms
- Achieved bootstrapping different types of cross region target node
- Implemented Local package repository to reduce dependency on Internet
- Automated Application with complex Installation and Configuration process

Education

Course	University/Board	%Marks	Passing Year
MCA	Pune University	70.90	2014
BCA	Sikkim Manipal University	76.80	2011
12th	BSEB(HS)	62.33	2008
10th	BSEB	76.28	2006