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Curriculum Vitae

Summary:

- 5+ years of experience in IT industry in various roles as DevOps, Cloud Infrastructure Engineer, Build and Release Engineer with excellent experience in Software Integration, Configuration, Packaging, Building, Automating, managing and releasing code from one environment to other environment and deploy to servers, support and maintenance under Unix/Linux/VM's Platforms.
- Experienced with various Services of AWS: EC2,ELB, Route53, S3,SNS, RDS, IAM, CloudWatch and CloudFormation.
- Experience in Implement, Build and Deployment of CI/CD pipelines, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production).
- Experienced with Jenkins as Continuous Integration / Continuous Deployment Tool and strong experience with Ant and Maven Build Frameworks.
- Experience with SaaS (Software as a Service), PaaS (Platform as a Service), and IaaS (Infrastructure as a Service) solutions.
- Experienced with PUPPET, Ansible as System Configuration Tool and knowledge on Chef, Salt Stack.
- Experience with Configuration Management automation tool Ansible and has worked on integrating Ansible YAML Scripts.
- Experience working on several Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry.
- Experienced on Task Scheduling & Systems backup using Python, Ruby, Perl, Shell scripting for RHEL.
- Experienced writing shell scripts to automate the deployment.
- Experienced with Nagios, CloudWatch as IT Infrastructure Monitoring tool and knowledge.
- Experienced with Web/Enterprise Application Deployment Technology specifically including Windows, Linux, Apache, Tomcat, WebLogic, MS SQL and Oracle.
- Experienced with Databases Like MySQL and Oracle SQL.
- Experienced in Configuring Servers to provide Networking Services, including HTTP/HTTPS, FTP, NFS, SMB, SMTP, SSH and LDAP.
- Experienced in the atmosphere of cross-functional team within the organization's Agile Project Life-cycle.
- Team player with good communication and Interpersonal Skills.
- Strong ability to troubleshoot any issues generated while building, deploying and in production support

Educational Summary:

- Bachelor's in Electronics and communication.

Technical Skills:

Operating Systems: Linux (Ubuntu, Debian, Red Hat (RHEL), Centos) and Windows.

Programming Languages: python.

Virtualization: Docker, Kubernetes, VMware, VSphere, Virtual Box and Vagrant.

Scripting: Shell scripting (Bash), Python, and JSON.

Source Code Management.: Git, SVN, CVS.

Orchestration: Kubernetes, Swarm.

Continuous Integration/Build Tools: Jenkins, Ant, Maven.

Continuous Deployment: Ansible, Puppet, Chef, Terraform.

Web/App Servers: Apache Tomcat, Web logic, Web Sphere, JBOSS.

Databases: Oracle 11g, Knowledge on SQL, Mysql.

Monitoring Tools: Cloud Watch, Nagios, Zabbix, Elk Stack, Kibana, Splunk.

Professional Experience

Infogain India Private Limited

From: Nov 2019 – Till date

Present Role: DevOps consultant Engineer.

- As part of DevOps team, my role includes release management, Environment Management, deployments, Continuous integration, continuous deployment, Incident management, version management.
- Providing a better workflow for Continuous Integration and Continuous Delivery.
- Assisted in migrating applications from customer on-premises datacentre to the cloud (AWS).
- Used Jenkins, Code Deploy for CI/CD pipelines
- Used chef for server provisioning and infrastructure automation in a SAAS environment.
- Worked on various Docker/Kubernetes components like Docker Engine, Hub, Machine, Compose and Docker Registry.
- Maintained high availability clustered and standalone server environments and refined automation components with scripting and configuration management (Ansible).
- Communication with team members for both Ansible Core and Ansible Tower teams to clarify requirements and overcome obstacles.
- Worked with different Tools like Rally, Jira, Bugzilla, Bit Bucket and Remedy.
- Developed pom.xml files for Maven build scripts.
- Ensured SaaS solution had at least a 99.98% uptime, trouble shooting complex network, application, and security related issues, and continually enhancing the software life cycle for this SaaS solution.

Forte Tech Solution Private Limited

From: Dec 2016 – Nov 2019

Present Role: DevOps Engineer.

Responsibilities:

- Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
- Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
- Used GIT as source code management tool, setup push pull events to invoke builds, automation test cases from Jenkins etc.,
- Writing inventory files, ansible configuration files and Creating playbooks in Ansible for configuration and Deployment activities.
- Automating AWS cloud deployments using Shell script and Ansible configuring packages, services using Ansible modules like yum, service, templates, handlers and register etc.
- Docker images includes setting the entry point and volumes, also ran Docker containers.
- Worked on installation of Docker using toolbox & creation of custom Docker container images, tagging and pushing the images.
- Provided consistent environment using Kubernetes for deployment scaling and load balancing to the application from dev through production, easing the code development and deployment pipeline by implementing Docker containerization with multiple namespace.
- Worked on Kubernetes to manage containerized applications using its nodes, Configuring Maps, selector services and deployed application containers as Pods.
- Developed Python and shell scripts for automation of the build and release process.
- Automating and Managing the Infrastructure on using chef.
- Manage configuration of Web App and Deploy to AWS cloud server through Chef.
- Built and managed a large deployment of Ubuntu Linux instances systems with Chef Automation. Wrote recipes, tools, shell scripts, and monitoring checks.
- Provisioned the highly available EC2 Instances using Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.

- Worked in an IAAS environment called Terraform, to manage application infrastructures such as storage and networking.
- Used Maven as build tool on Java projects for the development of build artifacts on the source code.
- Implemented app logging service using logging tools, such as Splunk and developed, deployed stacks using AWS Cloud Formation template.

Oscorp Info Solutions Private Limited Hyderabad, India.

From: Oct 2014- Nov-2016

Role: Linux System Administrator

Responsibilities:

- Administered, maintained Red Hat, Troubleshooting Hardware, Operating System Application & Network problems and performance issues.
- Experience in implementing and configuring network services such as **TCP/IP, HTTP, DHCP**, and TFTP.
- Installed and configured DHCP, DNS, web Server, mail (SMTP, IMAP, POP3), and file servers on **Linux servers**.
- Configuration like assigning **IP addresses, configuring network interfaces, assigning static routes**, hostnames etc.
- Managed the development activities for the multiple server instances by enabling password less **SSH** communication between the servers.
- Installation and configuration of RedHat Linux on **vSphere** and **VMware ESX**.
- Written **Bash shell**-scripts to automate routine activities and Installation and configuration of Samba Server.
- Experience using **YUM** and **RPM** for package management and patching.

Environment: RedHat Linux 3.0,4.0,5.0,6.0,7.0 AS ES, Oracle 9i/10g, VMware, Tomcat, Apache Server 1.x,2.x, TCP/IP, HTTP DNS, Bash