

Professional Summary

- Driven by new challenges and desire to be successful in all endeavours. Immensely enjoy all aspects of complex Data Centre projects.
- Extensively worked on Jenkins for continuous integration and for End-to-End automation for all build and deployments.
- Automated build & deployment and CI process for many projects from scratch. Wrote build files and created jobs in Jenkins.
- Extensive experience using Maven as build tool for the building of deployable artifacts (jar, war & ear) from source code.
- Having experience on version control tool GitHub.
- Automated nightly build, test, and reporting mechanisms.
- Have experience on code quality analysing tool – SonarQube.
- Have decent experience on Shell.
- Have experience on artifactory tool - Nexus.
- Expert in deploying the code through web application servers like Apache Tomcat.
- Have experience on Docker Containerization.
- Created and Managed a cluster of docker engines using orchestration tool called Docker Swarm.
- Good knowledge on Shell script.
- Good knowledge on Kubernetes orchestration tool.
- Experience in end-to-end Building, deploying and configuration process and Implementation from local QA, UAT and Production environment.
- Familiar with Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, ELB, AMI, IAM, Auto scaling, Security Groups.
- Creating/Managing AMIs, Snapshots and Volumes Upgrade Downgrade AWS resources (CPU, Memory, EBS).
- Creating IAM Users and Groups and Maintain the users Access management and Permissions.
- Installing and configuring applications on AWS EC2 Instances.
- Excelled on creating AMI (AWS Machine Images) that utilizes ELB and Auto Scaling.
- Configuring instance backups to S3 bucket.
- Experience in supporting applications on Linux environments.
- Managing users, groups, and ftp accounts, permissions and security for clients.
- Changing the disk usage and creating Labels and swap partitions.
- Managing and resolving server and user level issues and Good knowledge in Creating of file systems.

TECHNICAL SKILLS

- AWS, VPC, EC2, RDS, Linux, S3, Lambda, IAM, Load Balancers, System Manager, Cloudwatch, CloudTrail, Python
- Terraform, Packer, AWS Cloud Formation, Puppet
- Git
- CI/CD Pipeline – Jenkins
- VMWare Certified
- Microsoft Certified Systems Engineer
- Red Hat Ansible.

Work Experience

DevOps Engineer at Brandots, India from January, 2018 to current

Cloud Automation Design Engineer, Sasken from September, 2015 to December, 2017

Infrastructure Engineer, Cognizant from January, 2013 to August, 2015

PROJECT DETAILS

Role & Client	DevOps Engineer at Brandots, India from Jan 2018 to current.
Project Details	<p>Project: Created CI/CD pipeline using Jenkins for deploying project artifacts on multiple environments like dev, staging and production. Worked on Maven Artifact Server for publishing java maven internal artifacts. Created a common template for new microservices to be followed to maintain consistency over all the projects. Automated pipeline by integrating karate, gradle tests, static code analysis and publishing artifacts.</p> <p>Responsibilities:</p> <ul style="list-style-type: none">• Creating CI/CD pipelines by integrating Git, GitHub, Maven, Jenkins, and Ansible.• Creating repositories, new users for GIT, creation of new epam controlled branches, troubleshooting version control tool errors.• Administrating source code management by using GIT repository.• Tomcat Apache server life cycle operations like Start / stop / restarting the servers.• Responsible for version control Management, Branching, Merging, and user group permissions. Automating build process for creating JAR/WAR artefacts using Maven.• Responsible for automated Scheduled Builds/Emergency Builds and Release using Maven.• Installation, configuration and writing playbooks in Ansible re.• Automatically deploy the applications using Ansible• Leading the automation of implementation and configuration work through Ansible• Automate the build process using continuous integration tools JENKINS.• Worked on installing plug-ins, creating jobs, integrating test cases.• Installed and configured Master/Slave Jenkins in a server and Client.• Created Jenkins builds. Configured and used Apache Maven with Jenkins.• Configured Jenkins to generate Java coding standards reports and change notices.• Creating new jobs in Jenkins and managing the build related issues. Monitoring daily builds using continuous integration tool Jenkins.

Role & Client	Cloud Automation design engineer, Sasken, India from September, 2015 to December, 2017
Project Details	<p>About Project: Member of the Hybrid Cloud Infrastructure development team. Responsible for both high-level and low-level architectural design and documentation, implementation, testing, and preparation for solution deployment to Services platforms on both public cloud (AWS) and private (managed hosting) platforms. Capturing of functional and non-functional requirements along with follow on presentations to customers and colleagues by way of "shows and tells" of designed solutions.</p> <p>Key Activities:</p> <ul style="list-style-type: none">• Provided architectural design, build and on-going support of Trend Micro Deep Security to a worldwide customer base. This was the first application in deployed to Amazon Web Services. The previous service was successfully migrated from on-premise private cloud.• Qualys Implementation: Provided architectural design and deployment support to the Managed Hosting security team for the Qualys security product. Involved the use of Ansible playbooks for Linux agent deployment and HP Server Automation for Windows agents.• Red Hat Update Infrastructure: Responsible for architectural design, testing in pre-production and implementation into the production environment for customer updates of Red Hat products.• Hashicorp Packer: Performed a proof of concept into the use of Packer for creating and managing both Windows and Linux virtual machine build images. Images were built for deployment into both VMware and AWS.

Role & Client	Infrastructure Engineer – SME Storage and Backups from Cognizant from January, 2013 to August, 2015
Project Details	<p>About Project: Seconded to a Service Improvement Team as the SME for storage and backups. Also provided consultation, ownership and daily management to (company) for their storage platforms (HPE StoreServ 3Par 7400 series production & DR SANs; NetApp FAS3170 production & DR SAN's). Responsible for architectural design, implementation, provisioning activities, remote copy replication and HP Recovery Manager (Exchange, SQL and Recovery Manager Central), activities and expertise.</p> <p>Key Activities:</p> <ul style="list-style-type: none"> • Creating CI/CD pipelines by integrating Git, GitHub, Maven, Jenkins, and Ansible. • NetApp SAN Management: Provided support for a migration project to move services off from legacy NetApp FAS filers to HPE 3Par 7400 SANs. BAU activities also included use of Snap Manager, Snap Drive and Snap Mirror products for recovery and DR. • 3rd Line Engineer: Provision of 3rd line support to (company) customers. Specialising in hypervisor platforms Hyper-V2012R2 & ESXi 5.5. Server environment included over 500 servers with operating systems ranging from Windows 2003 to Windows 2012R2. <p>Project Services Infrastructure Engineer</p> <ul style="list-style-type: none"> • Responsible for providing technical project delivery of BAU changes to the (company) client IT estate covering 2300 users across the UK. • After six months in post was head-hunted for a new role as the SME for storage (HPE 3Par StoreServ & NetApp SANs) and backup technologies.