**DevOps Engineer | QA Engineer | Software QA Engineer**

**CAREER SNAPSHOT**

* 9+ years of total IT work experience in developing, packaging, building, debugging, automating, testing, managing, tuning and deploying code across multiple environments
* Experience in Utilize configuration management tools (Chef/Puppet, Power shell, DST, Etc.)
* Experience in working on version control systems like Subversion, and GIT and used Source code management client tools like GitBash, GitHub, Git GUI and other command line applications etc.
* Extensive experience using MAVEN, ANT as build tools for the building of deployable artifacts
* from source code
* Experience in setting up AWS environments from scratch and using Puppet, Ansible for
* configuration management
* Knowledge on terraform to customize our infrastructure in aws configuring various aws
* resources
* Extensively worked in developing modules in Puppet& Chef to automate infrastructure
* Provisioning and configuration management across the environment. Good knowledge in Ansible
* Deep understanding of Layer 7 protocols like HTTP, DHCP, DNS, and SSL/TLS
* Managed environments DEV, QA, UAT and PROD for various releases and designed instance strategies.
* Install, operate and troubleshoot cloud environment using OpenStack GUI and CLI.
* Developed Azure API Management (APIM) Publisher portal and Developer portal for hosting APIs
* Created Azure Powers hell script for APIM backup and restore operations
* In-depth understanding of the principles and best practices of Software Configuration
* Management (SCM) in Agile, SCRUM, Waterfall methodologies
* Best practices approach to systems deployment with tools like vagrant and test-kitchen and
* managing Chef Cookbook as a unit of software deployment and independently version controlled
* Extensive experience on Linux, UNIX administration, AWS, Terraform and support.
* Expertise with UNIX and Windows environments including shell and Python scripts, perforce,
* SVN (Subversion), Perforce, GIT, Build forge and TFS.
* Experienced in Docker container, Configured and setup Kubernetes Cluster environment with a
* master and 3 minions.
* Continuous delivery with Jenkins and Kubernetes: A reference implementation for running a
* continuous deployment pipeline with Jenkins and Jenkins Workflow on Kubernetes.
* Experience in design micro services deployment using Docker and Kubernetes. Creating pods
* and managing on the cluster environment on Kubernetes.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AMI’s.
* Writing Chef Recipes to automate our build/deployment process and do an overall process
* improvement to any manual processes.
* Experience in deploying java applications in web application servers.
* Implemented and supported CI process via and Bamboo for several java applications including
* setting up pipeline jobs and downstream job configurations in Jenkins.
* Involved in maintaining the user accounts (IAM), EC2, S3, EBS, ELB, Elastic IP, RDS, SNS, SQS,
* Glacier, IAM, VPC, Cloud Formation, Route53, Cloud Watch in AWS.
* Managed UbuntuLinux and Windows virtual servers (Rack space andAWSEC2) with Chef using Git

**EDUCATION**

* **Bachelor of Science in Computer Science, from JNTU, Anantapur in the year 2010.**

**TECHNICAL SKILLS**

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| * **SCM Tool** : Subversion, GIT, Clear case * **CI Tools :** Jenkins/Hudson, U Deploy, Bamboo, Build Tool Ant, Maven * **Bug tracker & Testing :** JIRA, Junit * **Databases :** SQL Server, Oracle, DB2, Teradata * **Operating Systems :** UNIX, Linux (red hat), Ubuntu, Windows 98/NT/XP/Vista/7/8, IOS   **Network Protocols :** TCP/IP, DHCP, VPN, FTP, SSH, WinSCP, Telnet, OSPF, EIGRP, IGRP, STP,PVSTP, RIP, RIPv2. |

**GROWTH PATH**

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| **Organization** | **Designation** | **Duration** |
| Capgemini, Bangalore, India | Sr. DevOps Engineer | Sep 2018- Present |
| TCS, Santa Clara, USA | DevOps Engineer | Oct 2015 – Sep 2018 |
| DeepLogic Tech India Pvt. LTD Bangalore | QA Engineer | Nov 2014- Sep 2015 |
| Google India Pvt. LTD Hyderabad, India | QA Engineer | Jan 2013- Oct 2014 |
| Google India Pvt. Ltd Hyderabad, India | Software QA Engineer | May 2011- Dec 2012 |

**PROFESSIONAL EXPERIENCE**

**As Sr. DevOps Engineer**

**Responsibilities:**

* Created the automated build and deployment process for application, re-engineering setup for better

user experience, and leading up to building a continuous integration system for all our products.

* Responsible for Development, SYTEM, UAT, STAGING, PRODUCTION Builds, Releases
* Deployed built artifacts to WebLogic application server using MAVEN
* Responsible for CI environments (Jenkins)
* Experience involving configuring S3 versioning and lifecycle policies to and backup files and archive

files n glacier

* Used Cloud formation and launch configurations to automate repeatable provisioning of AWS

resources for applications

* Good experience with Dynamo DB, Redshift and Amazon EMR
* Extensively worked on Hudson, Jenkins and AnthillPro for CI and for End-to-End automation for all
* build and deployments
* Familiarity with Azure networking which includes Network Security Groups experience
* Having knowledge of Azure architecture from a networking standpoint
* Experience in various programming and scripting languages especially Shell and Python scripting
* with focus on DevOps tools, CI/CD and performed configuration, deployment and support of cloud
* services on AWS Cloud Architecture
* Decent knowledge on Dynamo DB and Amazon EMR
* Experience in execution of XML, Ant Scripts, Perl, Python, Shell Scripts and JAVA Scripts
* Experience in Deploying JBoss, IBM WebSphere, Apache Tomcat web server, IIS Server, Oracle web
* logic
* Expert in installing and configuring Continuous Integration tools such as Bamboo, BuildForge,AnthillPro, Cruise Control and Hudson for build and deployment automation.
* Experience in working with Ticketing Tools like JIRA, RedMine, and Bugzilla
* Knowledge of using Routed Protocols: FTP, SFTP, SSH, HTTP, HTTPS and Connect direct.
* Having work experience in support of multi, platforms like UNIX, Ubuntu, RHEL, Fedora, IOS and
* Windows 98/NT/XP/Vista/7/8 of production, test and development servers.
* Experience in JavaScript, JQuery, HTML and CSS.
* Experience in administering, installing, configuring, troubleshooting, performance monitoring of The

Clusters

* Developed SharePoint TFS data synchronization using SharePoint Timer Jobs
* Midlevel expertise in Ruby, PERL CGI, Web development & good SQL hands-on experience
* SCM Tool Subversion, GIT, Clear case
* CI Tools Jenkins/Hudson, U Deploy, Bamboo, Build Tool Ant, Maven
* Bug tracker & Testing JIRA, Junit
* Databases SQL Server, Oracle, DB2, Teradata
* Operating Systems UNIX, Linux (red hat), Ubuntu, Windows 98/NT/XP/Vista/7/8, IOS
* Network Protocols TCP/IP, DHCP, VPN, FTP, SSH, WinSCP, Telnet, OSPF, EIGRP, IGRP, STP,
* PVSTP, RIP, RIPv2
* Efficiently used Project Management Tools like Base Camp, MS Project, MS Share point and Atlassian
* Tools. (JIRA, confluence, Stash, SourceTree, Crucible)
* Experienced in Querying RDBMS such as Oracle, MySQL and SQL Server by using SQL for data
* integrity
* **Environment** : GIT, Chef, Ansible, Jenkins, AWS, Docker, ANT, Maven, Gradle, Vagrant, AWS, Bamboo,

JIRA, Nagios, Ruby, Cucumber, Web sphere, shell, python

**As DevOps Engineer**

**Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the agile process
* Deployed java applications to application servers in agile continuous integration environment and also automated the whole process
* As a member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, release tracking and reporting on Linux platform
* Created and maintained various Shell scripts on different Linux servers Having good hands on experience in administering Linux machines and building RPM's
* Experienced with Windows scripting and automation, including PowerShell Developed processes, tools, automation for Jenkins based software for build system and delivering SW Builds
* Assisted with maintaining current build systems, developed build scripts, and maintained the source

control system

* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments and also create new jobs and branches through Jenkins
* Automated Deployment through ARM and monitoring different application consoles through their admin pages and WebSphere
* Migrating a production infrastructure into an Amazon Web Services utilizing AWS Cloud formation,Code Deploy, Chef, EBS, and Ops Works.
* Setup monitoring tools like Nagios and Amazon Cloud watch to monitor major metrics like Network packets, CPU utilization, Load Balancer.
* Involved in implementation of automate scripts to back up the old records by using Mango DB export command and transferred the backup files into backup machine with the help of ftplib
* Automated Nagios alerts and email notifications using python script and executed them through Chef
* Virtualized the servers using the Docker for the test environments and dev-environments needs. And

also, configuration automation using Docker containers

* Deployed &built artifacts to WebLogic application server using MAVEN
* Responsible for design and maintenance of the Git Repositories
* Coordinated firmware release with developer, DBA, QA and project management teams.
* Documentation of detailed build configuration, Build procedures, schedule build calendars and
* change history for releases
* Design and build automated code deployment systems that simplify development work and make
* our work more consistent and predictable
* Exhibit a deep understanding of printer virtualization, networking and storage ensuring that the
* solution scales and performs with high availability and uptime
* Create mechanisms/architectures and enable rapid recovery, repair and cleanup of faulty migrations
* with good understanding of fault tolerance and failure domains
* Identify opportunities to deliver self-service capability for the most common infrastructure and
* application management tasks
* Create automated tests that easily plug into our automated code pipeline
* Provide deep and detailed levels of monitoring across all levels of the application
* Extensive use of Perforce for source code tracking and deployment, and Extraview for bug tracking. Plan sprints within your project team to keep yourself and team moving forward

**Environment**: AWS, Red Hat LINUX, Jenkins, Puppet, Chef, MySQL, tomcat server, ANT, SHELL, Java.

**As QA Engineer**

**Responsibilities:**

**Project:**

Tested all the integrated service tracks (PA, PC, Data) worked closely to meet the customer

requirements under Cognizant’s To-in-a-Box model

* Analysed the user requirements, functional specifications and Use Case documents and created the
* Test Plans, Test cases for Functional testing.
* Performed Black Box and Unit testing using Equivalence Partitioning analysis.
* Used Quality Center as Test Repository for Requirements, Test plans.
* Involved in providing the Testing Effort estimates and provided the timely feedback on progress of the
* testing activity.
* Recorded and plays back test in Fire fox using Selenium IDE.
* Created Automation test framework using Selenium.
* Used Firebug Tool to identify the Object’s id, Name, XPath, link in the application.
* Exported Test case Scripts (Java-Selenium RC) in Eclipse IDE and modified the selenium scripts and
* executed. Prepared automation test framework Added annotations to the test. (selenium)
* Tests developed in Eclipse to start and to stop the selenium server and to execute the tests in browser.
* Run tests by using Selenium remote control in different browsers
* Examine the results of test to pinpoint defects in the application
* As part of compatibility testing, executed the workflow manager web application related test cases on
* different browsers like Internet Explorer and Mozilla Fire Fox on different Operating
* Systems.(validation)
* SQL Queries for backend testing
* Successfully Completed User Acceptance Testing (UAT) on each release of the project with the help of
* end user requirements
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and
* the project as a whole and leading offshore team

**Environment**: Java Script, Eclipse IDE, Apache Http Server, SVN, Firebug, HP Quality Center, Selenium

RC, Grid

* Involved in Identifying and Creating the Business component & Generic Scripts
* Involved in Identifying the E2E scenario & Creating the Reusable methods, Generic methods & Page
* Factory
* Created test scripts using Web driver
* Developed new scripts for the regression and sanity testing
* Execute/Run the scripts
* Involving the framework development
* Prepared and executed batch test suite through TestNG via Ant
* To run the parallel execution using TestNG
* Verify the Automated Test Result, and Logging the Defect in QC and updating status to the higher management.
* Involved in test scripts review
* Verifying Test result and logging defects
* Prepared Test Report based on the Test results
* To generate test using Log4j
* Managing knowledge sharing to the team after identifying critical bug
* Modifying the script based on build release
* Using database to automated the application
* To generate the dynamic xpath to get xpath from database

**Environment**: Selenium-2.39.0, QC 11.0, ANT, TestNG, Apache Poi-bin-3.9,SVN Eclipse-JUNO.

**As Software QA Engineer**

**Responsibilities:**

**Project**:Tested web-enabled professional grade photo hosting and sharing application

* Analysed business requirements and suggested improvements to the product features
* Developed test cases for functional and regression testing of the application (black & grey box)
* Open ID implementation using Gmail and Facebook accounts
* Developed and maintained automated regression test cases in Selenium WebDriver using Java
* programming language
* Developed test cases for cross-browser (MSIE, Firefox, Chrome, Safari) and cross-platform (Windows 7,
* MAC OS X) testing in virtual machine (VMWare) environment
* Conducted regression testing procedures using Release Notes generated by Bugzilla Release Issues
* management software application
* Usability testing of the application and workflow involving multiple functional modules
* Analyzed software failures, made them reproducible, reported bugs via Bugzilla application
* Participated in regular QA Team meetings and discussions

**Environment**: Java, QTP 10.0, Quality center, VB Scripting, SQL, CVS, Windows 7

**As QA Analyst**

**Responsibilities:**

* Provided functional, regression, browser compatibility and OS compatibility testing
* Documented test procedures for release acceptance and regression testing of new builds
* Executed automated Selenium scripts and reproduced failures manually
* Reported software defects via Bugzilla bug tracking system, performed bug verification testing
* Tested web sites for functionality, GUI, usability, navigation, browser and OS compatibility
* Communicated with QA team members and developers to resolve testing issues
* Performed black box, grey box manual and automated testing with an access to the web source code

**Environment**: Java, QTP 10.0, Quality center, Java sScripting, SQL, CVS, Windows 7

***References are available upon request***