**Rahul Rana**

Mobile: **+91-9873211757**

[*https://www.linkedin.com/in/rahul-rana-devops/*](https://www.linkedin.com/in/rahul-rana-devops/) *rahulrana.it@gmail.com*

**Professional Summary**

* **10+ years** of total experience spanning DevOps, Public cloud and Automation framework development using java (**SDET**).
* Hands on experience in **CI-CD-CT** on on-prim as well as on public cloud using **Jenkins**, **git/code-commit, sonar, maven, code-deploy, selenium** and various **AWSservices**.
* Extensive experience in migrating upstream-downstream Jenkins jobs into **pipeline as code** to enhance and upgrade CI, CD and CT.
* Experience in developing **AWS cloud formation** templates both in **json** and **yaml** format.
* Worked on multiple **AWS instance networking**, set the **security groups**, **Elastic Load Balancer** and **AMIs**, **Auto scaling** to design cost effective, fault tolerant and highly available systems.
* Hands-on experience on various AWS services like **EC2**, **S3**, **ELB**, **ASG**, **Route53**, **cloud watch**, **cloud trail**, **RDS**, **DMS, VPC**, **IAM, Cloud Formation, AMS, code-deploy, code-commit, Inspector, KMS** etc.
* Hands-on experience on various AWS Managed service (**AMS**) including **RFC** (request for change) and **CT** (change type)
* Good experienced on Design and implementation of software configuration management (SCM) methodologies using Jenkins, Git, Maven, Nexus and JFrog.
* Proficiency in SCM techniques – branching, merging, controlling and monitoring code changes.
* Good experience in integration of configuration management tool like **Ansible** with Jenkins.
* Good knowledge and practical experience in Docker and containerization.
* Experience in integrating automation framework with **CI** tool **Jenkins** to support continuous Integration and to fully automate the automation testing process and Devops tool chain.
* Experience in **JIRA** dashboard, widgets, **workflow**, screens and scrum/Kanban board etc.
* Experience in integrating JIRA with Jenkins, slack, GIT, Xray and Zephyr.
* Experience in working closely with SDLC teams and related stakeholders being a Devops/Automation engineer.
* Vast experience in Test automation frameworks study & implementation using Java with Selenium-Web driver, **BDD** using cucumber and selenium, also tool QTP/UFT with VB script.
* Hands on experience in integrate framework on third party distributed test environment like **browser stack** and **sauce labs**.
* Good working experience in **Agile Methodology**, certified mastering scrum by Xebia. Acted as scrum master in some sprints.
* Experience of working with multi-cultural and geographically disparate teams in Washington-DC, Austin, Atlanta, Portland and Australia.
* Proven ability to work in onsite-offshore working model added commendable onsite performance.
* **Technical Skills**
* **Languages/Technologies**:Java,Python, VB Script, Groovy, HTML, XML, Xpath, JSON, YAML, Shell and power shell.
* **Automation/CI Tools**:AWS, Docker, Sonar, Nexus, Selenium, TestNG, QTP, SOAP UI, Maven, Jenkins.
* **Tracking Tools:**JIRA, TFS, Confluence.
* **Databases**:MS SQL Server, Oracle, MySql, Couch base, Postgres.
* **Version control and other**: GIT, Bitbucket, SVN, Jmeter,Tableau.
* **Organizational Experience And Roles**
  + Worked as an Associate Consultant, **DevOps COE** in **HCL Technologies** from September 2017 to June 2020.
  + Worked as **Principal, Automation Engineering** in **Cvent India Pvt. Ltd (**no.1 event management company of USA**),**from August 2011 to September 2017
  + Worked as **Software Engineer** in **SkilRock Technologies Pvt. Ltd.** (Product Development Company of Sugal & Damani Group) from April 2010 to August 2011.
* **Promotions &Awards**
  + Apr 2011: Talent of the year, for outstanding performance as a new joiner in fiscal year.
  + July2012: Quarterly award, for handling project independently and initiated automation.
  + Jan 2013: Promoted to Senior Automation Engineer.
  + Jan 2015: Promoted to Analyst Automation Engineering.
  + Jan 2015: Pat on the back Award, for showing leadership to recover automation database crash with minimal impact on business.
  + Feb 2016: Pat on the back Award, for making utilities that ease down the manual tester’s work.
  + March 2017: Quarterly award, for creating one click automation using Jenkins for app creation and environment setup.
  + July 2017: Promoted to Principal, Automation Engineer.
  + July 2020: Exceptional Performer Award.
* **Academic Details**
  + B.Tech in IT aggregate with 63% from Bharat Institute of Technology, affiliated to UPTU Lucknow, in 2008.
  + 12th aggregate with 66% in CBSE board from DMA 1st,Modipuram, Meerut, in 2003.
  + 10th aggregate with 73% in CBSE board from DMA 1st,Modipuram, Meerut, in 2001.
* **Project Details**

**Project # 6**

* + **Organization**: HCL Technologies ([www.hcltech.com](http://www.hcltech.com))
  + **Client:** Scotia Gas Network (SGN), London
  + **Tools & Technologies used:** AWS, AMS, CI-CD, Jenkins, code-commit, code-deploy, Service Now, Sonar, Jfrog, Splunk, Nagios, Python, and Qualys scan.
  + **Team Size:**9
  + **Duration**: Nov 2017 – June 2020

**Roles & Responsibilities**

* Created Jenkins pipeline (as code) for AWS cloud formation for automated Infra provision.
* Created aws cloud formation script for various services like EC2, RDS, Load balancer, auto scaling groups, RDS, Database migration services (DMS), security groups, VPCetc. for automated Infra provision.
* Created shell scripts for aws AMS service which creates automated CTs using AMS RFCs.
* Created Jenkins pipeline using shell scripts for automated Infra provision by raising RFC using automated CT without cloud formation templates.
* Using code deploy as configuration management tools which install required agents/software’s like Splunk, Nagios, Qualys scan, oracle etc. on target machine.
* Created Continuous Integration & Continuous Deployment (using code-commit, code-deploy, Shell, python, Jenkins, SNOW, AWS-CFN and AWS-AMS etc.)

**Project # 5**

* + **Organization**: HCL Technologies ([www.hcltech.com](http://www.hcltech.com))
  + **Client:** Singapore Exchange (SGX)
  + **Tools & Technologies used:** AWS, CI-CD, Jenkins, Git, Ansible,Docker, JIRA, Maven, Java and Selenium.
  + **Team Size:** 3
  + **Duration**: Oct 2017 – Oct 2018

**Roles & Responsibilities**

* Created Jenkins pipeline (as code) for AWS cloud formation for automated Infra provision.
* Created Jenkins pipeline (as code) for Ansible playbooks for automated environment provision.
* Created Continuous Integration & Continuous Deployment (using Git, Shell, Maven, Java, Jenkins, Docker, Ansible and AWS-CFN etc.)
* Implemented CT in project using Selenium, Git,Maven, Java, Jenkins and docker

**Project # 4**

* + **Organization**: Cvent Inc. ([www.cvent.com](http://www.cvent.com))
  + **Product Name**: Events, Surveys, Contacts, e-Marketing, Administration.
  + **Tools & Technologies used**: AWS,Java, CI-CD, Git, JIRA, Selenium, TestNG, Bitbucket, Jenkins, Docker.
  + **Team Size:** 4
  + **Duration**: Apr 2014 –August 2017

**Roles & Responsibilities**

* Involved in development of Automation testing framework using Selenium-GRID and Java.
* Being automation lead, involved in overall Automation Test planning, automation testing strategies for different releases/silos/sprints, and respective automation testing estimations, resource planning and assignments.
* Owned and track automation ROI matrix for bugs reported by automation, automated test cases coverage and cost of efforts saving in regression.
* Continuous improvement of framework based on recommendations, enhancements and feedback.
* Create Continues Integration, Verification & Deployment - DevOps Framework
* Involvement in the SDLC from design to release, in a fast paced, quality driven environment.
* Involved the creating branching strategies and baselining strategies for newly created environments.
* Integrated framework in CI environment using Jenkins to support fully automated process along with distributed tests using selenium-grid to enhance the performance.
* Setup CI&CD Environment for all services (Using Jenkins, Git, Shell Script, Selenium, Code Analysis tools etc.)

**Project # 3**

* + **Organization**: Cvent Inc. (www.cvent.com)
  + **Product Name**: Planner side re-design (PSR)
  + **Tools & Technologies used:**Selenium, java, Git, bitbucket, MySQL, HTML5, JIRA, Jenkins
  + **Team Size:** 3
  + **Duration:**Apr 2013– Mar2014

Event management system has been re-designed completely to provide user better usability and quick. AJAX technology is being used to provide quick response and looks interactive. PSR build on SOA architecture using technologies like MVC, HTML5, REST API, No Sql.

**Roles & Responsibilities**

* Involved the creating branching strategies and baselining strategies for newly created environments.
* Integrated framework in CI environment using Jenkins to support fully automated process along with distributed tests using selenium-grid to enhance the performance.
* Involved in development of Automation Framework on Selenium using Java.
* Continuous improving framework level changes as per research & development.

**Project # 2**

* + **Organization**: Cvent Inc.(www.cvent.com)
  + **Product Name**: Cvent Supplier Network (USA)
  + **Tools & Technologies used:** QTP using VB script, TFS, SQL server 2008, SVN
  + **Team Size:** 2
  + **Duration**:Sep 2011–Mar 2013

Cvent Supplier Network is a product of Cvent by which the Event or Meeting Planners can search Venues, Hotels, Special event venues, Restaurants and Services and contact their suppliers with their refined requirements in terms of RFI (Request for Information) & RFPs (Request for Proposal). Similarly, Suppliers can also respond to planners in terms of RFIs and Proposals.

**Roles& Responsibilities**

* Continuous improving framework level changes as per research & development.
* Developed a hybrid framework on QTP tool using VB script.
* Creating scripts using descriptive programming and maintaining shared object repository.
* Created Recovery scenarios using RSM.
* Created function library used in framework.
* Involved in identifying the Test Cases to be automated.
* Creating new scripts and validating and maintenance of the existing scripts.
* SVN Versioning and code management.

**Project # 1**

* + **Organization**: SkilRock Technologies Pvt. Ltd.
  + **Product Name:** Interactive Gaming System.
  + **Tools & Technologies used**: Java, Flash, MySql, Bugzilla, Jmeter, QTP, CVS.
  + **Duration:** May2010 –Aug2011

Interactive Gaming System is an online gaming portal that allows players for online deposit, game buy, play, prize claim and Online Draw Game. It is supported by Back office which manages all the activity in IGS.

**Roles & Responsibilities**

* Prepared the list of use cases to cover all the requirements of end user.
* Preparation and execution of test cases.
* Continuous improving framework level changes as per research & development.
* Proposed work flow enhancements while testing the features.
* Prepare various bug reports for signing off the features to UAT.
* Involved in performance testing using Jmeter.
* **Potency**
  + Teamwork and interpersonal skills.
  + Willingness and interested to learn new concept and technologies.
  + Proven record of achievements in team.
  + Smart and hard worker.
* **Personal Details**
  + Father’s Name : Sh. Harpal Singh Rana
  + Date of Birth : 04-Feb-1985
  + Visa : **US** and **Australia**(multiple entry)
  + Passport number : **J6028872**
  + Marital Status : Married
  + Hobbies : Music, Cricket and Driving