Saurabh Ahuja

[sauraahu@gmail.com](mailto:sauraahu@gmail.com)

https://www.linkedin.com/in/ahujasa

+91-7406700101

**Summary:**

* 12+ years of experience in CI/CD pipelines, Cloud Infra Provisioning (Public/Private Cloud/on-premise infrastructure),Build and Release Management, Code Quality Scans.
* Working as a Senior Member Technical Staff responsible for infrastructure development of Identity project in Oracle Cloud.
* Open Source Contributor at https://ahujasa.github.io/

**Education:**

* B.E (Information Technology) from Punjab Engineering College, University of Technology, Chandigarh session 2005-2009 with CGPA-7.9.

**Skills:**

* Devops Tools – Bitbucket , Jenkins, Teamcity, Terraform, Gradle, Artifactory, Maven, ANT, Redhat Open shift, Subversion, Ansible.
* Languages – Shell, Python, Java, .NET, Groovy, GoLang.
* Web/Application Server- Apache Tomcat, NodeJs.
* Containerization- Docker, Docker-Compose, Kubernetes Cluster, Redhat Openshift.
* Operating Systems- Redhat & Oracle Linux 7&8, Windows Server 2019.
* Database - Oracle 12c, Redis DB, MS SQL Server 2012, MYSQL .
* Cloud - Oracle Cloud, AWS, MS Azure, Google Cloud.
* Monitoring/Logging Tools- Splunk, Grafana, Kibana, New Relic
* Security/Code Scans- Sonarqube, Fortify, Mcafee Scan, Anchore, Burp.

**Employment Details:**

**Oracle India Pvt Ltd, Bangalore**

**23-October-2017 – Till now**

**Senior Member Technical Staff**

**Responsibilities:**

* Responsible for Designing, Implementation of CI/CD solution and managing infrastructure through Ansible (~70 Oracle linux 7.6 and 5 Windows Server v2012) for Oracle’s Identity Project (tech stack - NodeJs, Java, .NET, Groovy, C, Gradle, Oracle 12c Db etc.). CI is implemented through Teamcity which includes artifact generation/uploads to artifactory, unit/integration testing, code scans through fortify,mcafee,anchore,burp etc. to cater to multiple weekly release branches across different (10+) data centers in Oracle Cloud and monitoring build systems through Prometheus/Grafana.
* Responsible for development and maintenance of automated merge & build reports implemented through Bitbucket API, Teamcity API & Python programming.
* Responsible for Cloud Infra Provisioning and Deployment through Jenkins (CD pipeline), Terraform, Kubernetes Cluster of Identity product in Oracle Cloud and monitoring/logging through Prometheus, Grafana, Kibana etc.
* Recruiting, interviewing, mentoring , coaching juniors and layout design improvements for achieving devops objectives across large & distributed global teams.

**Achievements:**

* Upgradation of CI infrastructure e.g OL 6.6 to 6.8,Linux Kernel 3 to 4, JDK 7 to 8, Nodejs 6.6 to 6.9, Docker 1.8 to 1.12, Windows Server 2008 R2 to Windows Server 2012, Visual Sutdio 2015 to Visual Studio 2019, etc. Achieved build pipeline success rate of 95 % from 40% by stream lining build pipelines for stability. Making Identity Product Fedramp & Security compliance for Public and Gov Regions.

**Optum Global Solutions (India) Private Limited (formerly- UnitedHealth Group Information Services Pvt. Ltd), Bangalore**

15-Feb-2016 to 18-Sep-2017

Senior Engineer Build and Release

**Responsibilities:**

* Development and maintenance of CI/CD pipelines for Optum Private Cloud products (tech stack- Java , .NET, Gradle, Maven,Docker) through Jenkins, Redhat Openshift, Anthill Pro, Bitbucket Git, XL Deploy, XL Release etc. Defining Auto Scaling strategy, Rolling Strategy, monitoring through new Relic and logging through Splunk.
* Defining Security Scan/Quality Gate strategies through Fortify and Sonarqube through Jenkins and Anthill.
* POC to deploy web application on AWS cloud through terraform, EC2/S3/Kubernetes Cluster.
* Mentoring and training juniors while leading Devops projects and initiatives.

**Notable Achievements**:

* Developed end to end CI/CD solutions through Jenkins Groovy pipeline for FileVault and Optum ID project for production deployments and integration with new Relic, Splunk for monitoring purposes.

**Avesta Computer pvt ltd [ deployed to client- Cisco Systems ] , Bangalore**

2- June-2014 – 12-Feb-2016

Software Engineer

**Responsibilities:**

* Responsible for maintaining Subversion, Gitlab GIT, defining access restrictions, repository creations, branching strategies, subversion features enablement through hookup scripts, etc.
* Build automation of Cisco products through Jenkins, creation of installers based on install shield and install anywhere, deployment of packages on Dev/QA servers for agile releases.
* Impementation of Sonarqube Code Quality Analysis Dashboard through Jest, Findbugs quality profiles.

**Notable Achievements**:

* Adoption of Sonarqube code quality analysis dashboard throughout CSTG BU after launch.
* Jenkins infrastructure migration from Gen2 to Engineering IT servers which involves single master to multiple master setup.

**Aptean Software India Pvt Ltd (previous name - CDC Software), Bangalore**

5-Apr-2013 – 29-May-2014

Configuration Management Engineer

**Responsibilities:**

* Responsible for development of Saratoga CRM Windows installers for production releases through CCNET,NANT.
* Configuration and Management of TFS source control systems. Participation with Product team to define branch strategy, release schedule, test execution schedule.

**Notable Achievements**:

* Redesigned Saratoga CRM product windows based installers through Install-shield for Rich Client, Thin Client EXE’s for silent command line installations from installscript project to MSI project.

**Dell International Services India Pvt Ltd, Bangalore**

28-Mar-2011 – 29- Mar-2013

Application Management Analyst

**Responsibilities:**

* Responsible for management of QA environment through schedule and unscheduled deployments using TFS, Cruise Control .NET and Dell scheduler for OPE ([www.dell.com](http://www.dell.com/)) production releases.
* Microsoft Patching for 1000+ windows based QA servers every month.

**Notable Achievements:**

* Achieved 95% successful rate for Monthly Microsoft Patching from 60%.

**Accenture Services Pvt Ltd, Bangalore**

1-Dec-2009 – 17-Mar-2011

Software Engineer

Client: Travelers Insurance

**Responsibilities**:

* Implementation of CI / CD solution for Java and .Net based Personal Insurance products using Cruise Control/ CCNET, Subversion, ANT/NANT.

**Notable Achievements**:

* Consistent performance and delivery for monthly production agile releases through ANT, Cruise Control.