**Sampada Jain**

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**OBJECTIVE**

To develop a career, in an esteemed organization that will motivate me to use my technical and strong organizational skills and contribute effectively and to be a part of team that dynamically work towards the growth of the organization.

**EXPERIENCE SUMMARY**

* An accomplished CLoud Professional with 5.8 years of experience in the IT industry in areas of Cloud Infra, Software Configuration Management (SCM), Software Release Engineering, DevOps and Application Virtualization technologies.
* Currently working with **General Electric Corporate**.
* Well versed with automation tools like Chef, Jenkins and Management of applications servers, Opsworks, Docker deployment and management etc.
* Designed and built automated infrastructure using open source tools. Designed and built highly available, private AWS and Azure clouds.
* Experience in automating AWS Cloud infrastructure (IaaS) with Cloud Formation template, groovy scripting, Shell scripting, JSON, ARM template.
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team
* Expert in a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’s, whenever a new GitHub branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it, The Docker container leverages Linux containers and has the AMI baked in. Converted our staging and Production environment from a handful AMI’s to a single bare metal host running Docker.

**EXPERIENCE DETAILS**

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| **Work Summary** | **Duration** |
| General Electric Digital**Role: Professional Cloud Automation Engineer** | Aug 2017 - Present |
| Oracle India Pvt Ltd, Bangalore**Role: APPLICATION DEVELOPER Level 2** | Nov 2016 – Aug 2017 |
| Mindtree Ltd, Bangalore**Role: CloudOps Consultant** | Oct 2013 - Sep 2016 |

**TECHNICAL DETAILS**

**Version Control Tools** : Git, SVN

**Build Tools** : Apache Maven

**CI Tools** : Jenkins, Hudson

**Automation tool**  : Chef, Puppet, Opsworks

**Container Technology** : Docker

**Database Tools** : Oracle Database 11g, 12c, GP, Postgres

**Scripting languages** : shell scripting, PowerShell

**CloudOps Dashboard :** Microsoft Azure, Amazon web Service (AWS)

**PROJECT DETAILS**

**Current Project and Responsibilities:**

**Description:** Designing, Building and Solutioning an application named Bluetalon which has architected its data control solution to provide a unified approach to policy management that brings the right level of control and consistency across the enterprise, including Hadoop, RDBMS and big data environments. Policies governing users’ access to data can be role, attribute or purpose-based, can control data at the column, row, cell or partial cell level and are set up on an “author once, enforce anywhere” basis.

**Tools & Technologies:** AWS, CHEF, Packer, Jenkins, CFT, EC2, RDS, ELB, Subnet, SG, NACL, IAM, KMS keys

**Operating System:** Linux

**Role Played:** Cloud Automation and Infrastructure Engineer

**Responsibilities:**

* + - * Configuration management with Chef.
			* Deployment and Maintenance of all Servers thru CFT with parametrized values for each instance in same and different environments
			* Automating the tech stack installation.
			* Investigation on new tools and automating the process.
			* Multi factor authentication using the prebuild cookbooks and Chef recipes
			* Supporting governance teams to configure Database to the application setup tunnels and helping to tune the traffic to the apt ports.
			* Creation of AMI thru Packers.
			* Writing Jenkins file for the automate deployment of CFT on AWS.
			* Encryption of EBS thru KMS keys.
			* Writing Chef cookbooks and enhancing the cookbook which are already in production for the effective and efficient performance.
			* Scripting Chef cookbooks on all the data analytics and ingestion tools for Data analysis and scientist teams.
			* Have extensively worked on Ingestion Cookbooks such as HVR, Denodo and on Security cookbooks such as Bluetalon, Ranger.
			* Writing the CFT to deploy on AWS for the discussed architecture of all the major tools of the data science and analysis team applications.
			* Written CFT for creation of EC2, SG, subnets, load balancers, creation of AMI.
			* Written Groovy script for triggering the CFT through Jenkins (Pipeline as a Code)
			* Creation of Secret keys, analyzing and encrypting sensitive data through data\_bag.
			* Testing the entire Chef automation thru Kitchen.
			* Writing kitchen files for Kitchen tests and converging.
			* Writing unit test cases for the Kitchen inspect verification of the cookbooks.
			* Trouble shooting application level issues in EMR such as Ganglia, Zeppelin, Resource queue managements, Ranger authentication.
			* Writing Monitoring scripts and broadcasting them in the predefined EMAIL for the required application on Unix box.
			* Documenting the re usability range of the cookbooks and Automation for further use

**Handled Responsibilities:**

**Oracle:**

* + - * Writing chef scripts for Dev/Prod deployment of entire Oracle health care products.
			* Troubleshooting the Oracle DB issue and fixing.
			* Installing WebLogic software for the web and security interface of all the applications, troubleshooting issues if any.
			* Managing admin, managing servers thru cli and consoles.
			* Writing scripts for password rotation of all the oracle health care products on cloud such as IDM, CDMS, Siebel, WebLogic, Database, Datasoucre and all the utilities involved using OPAM systems in thoroughly automated way using Chef and data\_bag’ s.
			* Setting environment details and fixing all the security issues and the datasoucre issues for WebLogic.

**Mindtree:**

* + - * Managing the infrastructure in AWS, Azure.
			* Managing continuous integration for all projects in Jenkins
			* Responsible for Maven scripting and troubleshooting the builds
			* GIT Administration and configurations
			* Writing Shell and power-shell scripts to automate end to end release processes
			* Writing and maintaining user guides for tools implementations
			* Correct build errors working with the development Engineers if fails in Jenkins
			* Maintaining user administration logins, permissions, mailing lists, user report.
			* Responsible for the documentation of the Implementation processes.
			* Responsible for the defining the branching and the merge strategy.
			* Responsible for troubleshooting Environmental issues in Application
			* Automation of build and deployment using Maven, Jenkins, Puppet, shell and PowerShell and to automate end to end process
			* Define implementation policies after analysis of existing scenarios for various projects.
			* Responsible for Installing and configuring applications on Windows and Linux
			* Making sure to compile and assemble software through source code and Deploy to production.
			* Writing and maintaining user guides for tools implementations
			* Correct build errors working with the development Engineers.
			* Define implementation policies after analysis of existing scenarios for various projects.

**ACADEMIC QUALIFICATION**

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| --- | --- | --- | --- | --- |
| **Degree** | **Institution** | **University** | **Year** | **Percentage** |
| B.E | S.J.M. Institute of Engineering, Chitradurga. | VTU | 2013 | 65% |
| 12th | S.D.M. Pre-University College, Ujire,D.K. | Karnataka state PU Board, Karnataka. | 2009 | 60 % |
| 10th | Vidya Vikas English High School, Chitradurga. | Karnataka state Secondary Edu Board | 2007 | 78.08% |

**Date**: 17-07-2019 **Place**: Bangalore