RAJENDRA LADKAT Contact No: +91 9049084538

Pune, India **Email: rajendraladkat1910@gmail.com**

Flat. No:3,Thitenagar,Kharadi, Pune, Maharashtra (India) – 411057.

[Linkedin |](http://https/in.linkedin.com/in/rajendra-ladkat b337a350) [Github](https://github.com/rajendraladkat1919) | [Rajendra\_Blog](http://rajendraladkat.blogspot.com/) | [SlideShare](https://www.slideshare.net/ladkatrajendra) | [Skype](http://rajendra.ladkat2/)

**Senior DevOps Engineer at HSBC Technology India – AWS DevOps / Site Reliability Engineer**

Offering around 4.5 +years of experience in the IT (HSBC.)

Interviewed with **Google** for Technicals Solutions Engineer, cloud Edge position

Interviewed with **Amazon Dublin** for Cloud Support Associate position

**Objective:**

Seeking a suitable career with an organization of repute to utilize my knowledge, technical skills and management capabilities and like to be a part of a dynamic team and work on challenging projects there by contributing to the team's productivity & gaining substantive experience. Passionate about open source technologies including cloud . Ambitious to work on Data science and deep learning along with AWS cloud and Google cloud. Want to build cool data product.

**EXECUTIVE SUMMARY**

* 4.5 + years of experience as DevOps Engineer in coding, configuration and technology integration with understanding of solutions, industry best practices, multiple business processes and technologies. Operates independently to provide quality technical support service. Experience working on high availability and high traffic applications along with automation. Experience with complete software design life-cycle including design, development, testing and implementation of moderate to advanced complex systems in agile environments. Closely working with client via call and mail for maintaining production health and solving critical production blocking issues. Expertise to deep dive into technical holes and coming out with solutions.
* Create and maintain fully automated CI/CD pipelines for code deployment using Jenkin, svn, Ansible, Python and Bash scripts. Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling. Reduced costs by ~$1,000 each month by eliminating unnecessary servers and automated build and deployment using Jenkins to reduce human error and speed up production processes. Reduced deployment time for critical agile project infrastructure from ~4 days to 10 hours. Dedicated to optimization experienced DevOps Engineer understands the melding of operations and development to quickly deliver code to customers.
* Has experience with the Cloud and monitoring processes as well as DevOps development in Linux systems. Remarkable experience in site maintenance and reliability in. Operational knowledge of Java application troubleshooting as well as client-server software, server architectures and performance bottlenecks. Deep knowledge of the scripting in Java Runtime Environment . Familiarity with Reliability techniques, Root Cause Analysis and Reliability Centered Maintenance. Ability to resolve technical issues and manage on-call duty. Superior communication skills. Excellent organizational and multi-tasking skills. Proficient in communicating professionally with excellent technical and troubleshooting skills . Perform responsibilities of conducting root cause analysis as well as statistical analysis of data
* Highly skilled systems analysis, software design, effective coding practices, databases, and servers. Develop and implement new software, maintain and improve existing software. Ensure that software functionality is implemented with a focus on code optimization and organization. Recommend improvements to existing software programs. Troubleshoot application issues and coordinate issues resolution with operations, functional, and technical teams.
* Work in conjunction with other IT, application development, production support and business groups to understand functionality, scalability, performance, security, and integration requirements from infrastructure and environment

perspective. Work with a software development team and Service providers in a geographically distributed structure

Provide coaching to Junior Associates and Associate. Works independently on complex projects. Received appreciation and recognition from Client as well as all previous employers.

**Soft skill:**

Proven technical leadership skills include the ability to manage teams, earn the respect of its members. Persuasive verbal and written communication skills compliment a proven ability to multi-task, maintain an organized approach, and ensure success - even when faced with high-pressure or high-risk situations. Exceptionally self-motivated, adaptability, teamwork oriented, having experience of working in a multi-cultural and diverse technical background.

**EMPOLYEMNT DETAILS:**

**- Senior Devops Engineer at HSBC Technology India May 2018 to current**

**- DevOps Engineer – Big Data cloud DevOps Engineer at Servient Inc. Feb 2017 to May 2018**

**- Software Development Engineer- Oracle Middleware product at Aurionpro Solution Pvt. Ltd(KPMG).**

**March-2014 to Feb 2017**

**TECHNICAL SKILLS:**

**- Big Data Technologies:** Hadoop(HDP), Mapreduce, HDFS, Zookeeper, Hbase, Kafka, Ambari

**- Java & J2EE Technologies:** Core Java, J2EE

**- NO SQL Database**: Hbase

**- SQL DB’s:** Postgres ,Oracle

**- Search:** Apache solr cloud

**- Programming Languages:** Java, Python, Linux shell scripts.

**- Application and Webs ervers:** WebLogic, Apache Tomcat, IIS (basic)

**- Cloud Platform :** Amazon Web Services ,Google cloud

**- Monitoring and Reporting**: Nagios, Cloudera Manager, Custom Shell scripts, Wls console,AMI console

**- Network Protocols :** TCP/IP, UDP, HTTP, DNS, DHCP

**- DevOps Tool** : Jenkins, Docker (Basic),Puppet(Basic) , Ansible

**- CodeManagement and build Tool**: SVN, Git hub and Git lab , maven , ant.

- **Data Science Tool :** Numpy, Pandas, Matplotlib , Scipy, Sklearn , Seaborn , R and SAS.

**COURSES and CERTIFICATION :**

**Pursuing** :

- Professional Certificate in Data Science by HarvardX (online edx.org)

- Machine Learning Stanford University

- Deep Learning Specialization by deeplearning.ai.

- IBM Data Science Professional Certificate (coursera)

**Completed:**

- Programming for Everybody University of Michigan

- Data Science A-Z – Real-Life Data Science.

- Deep Learning A-Z™: Hands-On Artificial Neural Networks

- Python for Data Science and Machine Learning Bootcamp

- Applied Data Science with Python Specialization by university of michigan

- From 0 to 1 : Spark for Data Science with Python

**AWS and DevOps Courses from Linux Academey:**

- AWS Certified SysOps Administrator - Associate Level

- AWS Certified DevOps Engineer - Professional Level

- AWS Certified Advanced Networking - Specialty Certification

**Others:**

ITIL Foundation Certificate

**PROFESSIONAL EXPERIENCE :**

**#1 . Working as AWS DevOps/ site reliability Engineer.**

**Environment :** Amazon cloud

**Company Name : HSBC UK. (From May 2018 to current**

**Team Size 8**

**Roles & Responsibilities:**

- Design whole environments from scratch according to financial domain.

- Manage and maintaining the cost of **256**  AWS accounts using AWS services and customize boto3 script based on AWS well Architect Framework.

- Used AWS services like CloudTrail, Cloudwatch, S3,VPC, API Gateway, CloudFront, Direct Connect, DynamoDB, EC2, IAM, Lambda, RDS, RedShift, SageMaker, ECS , Knesis, SNS, SQS, Route53 , EMR

for building multiple projects.

- Created multiple security pattern for each services in order to maintain tight security on public cloud.

- Developed best processes in order to provide best operational support across the world. Helping developer team to build best product on AWS cloud from infrastructure setup to deployment of product on cloud.

- Create AI project using Amazon SageMaker and s3 as data storage and integrate model as web service with existing portal project. Which helps in generating lead in a bank.

- Building AWS platform for Data Science project.

- Using data science and boto3 doing analysis of AWS accounts and eliminating the unnecessary services in automated fashion.

**#2. Migrating Dev and QA Environemnts to Amazon Linux & CentOS on AWS cloud.**

**Environment :** Amazon Linux, Jboss, HDP, EC2, VPC, S3, Cloudwatch, Servient the Complete eDiscovery Solution

**Company Name : Servient Inc. (From Dec 2017 toMay2018) Role : DevOps Engineer**

**Team Size 8**

**Roles & Responsibilities:**

Installation of Hortonwork Hadoop suite over aws cloud on Centos and Amazonlinux. Installation and Integration of Servient the Complete eDiscovery Solutioproduct alon with open source tool. Responsible for creating whole automated code pipeline using svn, Jenkins, s3 and servers . Installation and configuration of solr 6 with HDP cluster and application.Integration of Servient's integrated machine learning over cloud which include Hadoop, HBase, SOLR and delivers analytics at Web-Scale.

Migration of solr 5 data solr 6 using backup and restore method using custom script and custom Java tool. Responsible for Meltdown Patch installation & SSM on EC2 services using Ansible.

Creating domains using single click using python and bash script.

Created lot of deamons for java services. Creted jenkins bash script. Using python script automate infrastructure. Integration of Kafka , zookeeper, Hbase and solr cloud for data ingestion in HDFS of HDP.

Created automated burst services of ec2 instances based on data volume in environment for data processing to save aws cloud cost. Configure custom disk monitoring script along with AWS mon-script to submit data AWS cloud-watch for monitoring aws infrastructure for high performance and availability. Develope script for deployment of code in automated fashion to reduce downtime window.

**#3.Amazon -WS [Top US Law Firm ]**

**Environment :** Amazon Linux, Jboss, HDP, EC2, VPC, S3, Servient the Complete eDiscoverySolution

**Company Name : Servient Inc. ( Feb 2017 toMay 2018) Role**

**: DevOps Engineer**

**Team Size 20**

**Roles & Responsibilities:**

Design whole environment from scrach accroding to client requirement and its implementation. Installation of Hortonwork Hadoop suite over aws cloud.

Installation and Integaration of Servient the Complete eDiscovery Solution product. Responsible for ingestion of peta bytes of data over aws cloud in hadoop hdfs and in container.

Servient Enterprise edition ingests data directly from sources such as Office365, Exchange 2013 and SharePoint 2013 into hdfs.

Implement Servient's integrated machine learning over cloud which include Hadoop, HBase, SOLR and delivers analytics at

Web-Scale.

Installation of Tomcat 8, solar server, NFS Server / Client, LearningTomcat, Learning Engine , Truecrypt, veracrypt

Adminstration and development of AWS services along with Hortonwork services. Deploying dev team code into production using DevOps tool like jenkin, chef , ansible, svn. Strong experince in Hortonwork and AWS administration.

Creating domains using single click using python and bash script.

Created lot of deamons for java services. Creted jenkins bash script. Using python script automate infrastructure. Creted various on demand services of EC2 instances for burst services.

**#4. ApacheCorpPoc**

**Environment :** Red Hat 6, Tomcat, HDP, AWS, Solar Cloud, Servient the Complete eDiscovery Solution**Company Name : Servient Inc. ( Feb 2017 toMay 201) Role : DevOps Engineer**

**Team Size 20**

**Roles & Responsibilities:**

Installation of Hortonwork Hadoop suite over aws EC2 instnaces including aws networking. Installation and Integaration of Servient the Complete eDiscovery Solution product.

Ingestion of 1TB data in hadoop cluster. Using machine learning algorithm fetch meaningful data.

Servient Enterprise edition ingests data directly from sources such as Office365, Exchange 2013 and SharePoint 2013 into hdfs.

Installation of solar node in clustering to peform indexing. Create dinest dataset and creating training data set. Installation of Tomcat 8, solar server, NFS Server / Client, LearningTomcat, Learning Engine , Truecrypt, veracrypt Creatinh jenkins build and deployed using ansible tool in to environment.

Perorm site relaiblity engineering for application performns and infrastructure maintanace.

Using python boto3 and pip module write multiple script of uploadservice, data ingesion, consumer. Converting electronic data into required format using open source OCR tool.

Creating on demand burst services base on data load and create automatic launched ami configuration. Create automatice code pipe line for code deployment from Dev environmnet to production environment . Creted various on demand services of EC2 instances for burst services.

**#5 .Imaging Upgradation**

**Environment :** Red Hat 6, WebLogic, SOA, UCM, IPM, Oracle 12c, BPM, WFR, WEC

**Role : Software Engineer- DevOps Engineer Team. Company Name : Aurionpro Solutions Inc.( March 2015 to Feb 2017) Team Size 8**

**Roles & Responsibilities:**

Create whole Imaging environment from scratch, involved in project from requirement gathering todeployment. Building road map for project development and lead whole project from technical perspective.

Upgraded whole Imaging application from IPM version 11.1.1 6.0 to 11.1.1.9.0.

Installation and configuration Web centre Content, SOA suit, WebLogic Server, IPM domain. Migration of 11g database data to 12c database using export and import tool of Oracle. Patching of production environment, installation of CPU patches, WebLogic administration. Developed bash script to monitor production environment. Linux crontab to remove old Data. Integration of Ldap and SSL to domain. Developed Java utilities for application customization.

Administered and maintained Oracle Document Capture, Oracle Forms Recognition, Oracle Imaging and Oracle SOA (with troubleshooting/backup &recovery).

Involved in complete Oracle web-centre stack upgrade(ODC, OFR, Imaging, SOA, Oracle DB)

Provide the quick resolution/workarounds for runtime Production issue and maintained the smooth run of business

Maintenance tasks - Server Health, troubleshooting routine issues. Worked on various change request and wish lists of client.

**ACADEMIC CREDENTIALS:**

**B.E.** from **D. Y. Patil college of Engg. And Technology, Kolhapur** in 2013 with a **CGPA:** of **7.48/10(70%inBE).**

High School qualifying examination (10+2) from *SVS College* in the year 2008 with **66**% marks.

High School qualifying examination (10) from *PAVM, Jejuri* in the year 2006 with **67.63**% marks.

**PERSONAL DETAIL:**

Nationality Indian Marital Status Single Passport No. **N6136292**

Date of Birth 19th October 1990. Languages Known: English, Hindi.

**DECLARATION:**

I do hereby declare that to the best of my knowledge and belief what is stated above is correct, Complete and is truly stated.

Yours truly, (Rajendra Ladkat)