Silky Garg ➕ premium   ⭐ Featured
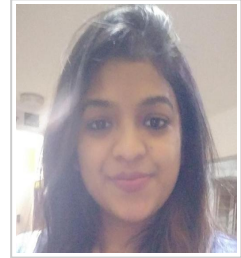
Data Engineer seeking roles in Pyspark, Devops Chef,Agile, AWS Cloud,Application Deployment,Automation via Bit-Bucket,Jenkins,CARA,Inspec,Maven,Unix Scripting ,SonarQube,Docker,SQL(Oracle),Data Analyst,Python,Machine Learning

Current Designation: Engineering Lead	Total Experience: 5 Year(s) 5 Month(s)
Current Company: Persistent Systems	Notice Period: 1 Month
Current Location: Pune	Highest Degree: PG Diploma [Computers]

Pref. Location: Bengaluru / Bangalore,Pune,Delhi / NCR

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: DevOps(Bit-Bucket,Jenkins,CARA,Artifactory),chef,Unix Scripting,Maven,rest api,SQL,Python,chef inspec,Continuous Integration,Build Release Engineer,sonar qube,Docker,Panda,Machine Learning,EDA,pyspark,Software Configuration Management,AWS

Verified :   **Phone Number |**   **Email - id**

Last Active: **Jan-Mar 2021**   Last Modified: **Jan-Mar 2021**

Summary

Skilled Data Engineer and REST API developer from strong Pyspark/Linux/Python/Java background and have rich hands-on experience developing, automating, and optimizing mission critical deployments in AWS and HPaaS cloud, leveraging configuration management using CHEF(IAAC), CI/CD, and DevOps processes. Data Analyst having experience in data extraction using excel and python/pandas/numpy and /data cleaning/ exploratory data analysis,data visualisation,used statistics and also built machine learning models using different machine learning algorithms and have experience working on SQL database.

Work Experience

Persistent Systems as Engineering Lead
Jan 2021 to Till Date

Sep 2015 ? Feb 2016 System Engineer Trainee
Mar 2016 ? April 2019 Senior System Engineer / DevOps Developer
May 2019 ? Dec 2019 Senior System Engineer/Technology Analyst
Jan 2020 ? Till Date Technology Analyst DevOps Professional

MQ-Java Utility Automation via DevOps:

A Java MQ utility has been built internally which is used by the team to read and extract messages from the production MQ Queues so that none of the business transactions are lost. So, automation was done which involved automated jar file creation using Ant Build in Jenkins and the configuration and execution of the remaining files on the production servers using Chef. This helped in extracting messages as and when required and quick fix in the java code to be taken to production without any delay.

RHEL Upgrade:

RHEL upgrade involved migration of the HPaaS Cloud servers on RHEL 7.6 boxes to RHEL 7.7 which involved re provisioning and configuration of the servers from scratch which was done using the CI/CD pipeline and CHEF configuration management. As a part of the upgrade Chef policy files were created to install the Java and Control M agents via Chef policy files which leveraged the chef supermarket cookbooks.

Unusual Matter Reporting Web Application Portal:

Suspicious Matter Reporting functionality is used by the Australian banks to report any Unusual Matter to Australian Regulatory body.
These unusual matter details are captured via a web portal which is developed using UI screens and API to make call to different API's and webservices.
UMR portal team has the responsibility of developing these UI's and API's and deploy them on to the platform environments using DevOps methodology and following Agile model.
As a part of the project I contributed as below:
?   Worked as a backend developer and created API's using JAVA which invoked the SOAP webservice to pass the unusual matter details information received from the UI screens.
?   Spring boot was leveraged for the API's and Maven was used to perform the builds.
?   JUNIT and Postman were used to test the API.
?   The built API's were checked in into bit bucket and then deployed onto the environments using fully automated Devops pipeline.

Detica   Foundational   Capability and RHEL upgrade:
New Payment Platform was to be   introduced in Australia through which transactions were expected to complete within 15 seconds.
I as a part of the Detica FC from onshore (Sydney) involved in the migration of Detica application to NetReveal from on premise to IBM's Dual Site HPaaS cloud with all the existing and new functionalities using DevOps methodology and Agile model.

?   Create and maintain fully automated CI/CD pipelines for   code deployment using Bit-Bucket, Source Tree, Jenkins, JFrog Artifactory, CARA, CHEF onto the IBM's HPaaS cloud.
?   Wrote CHEF cookbooks/recipes to automate the server setup from scratch involving the automation of deployment, configuration, and management of servers using ruby and json as below:
?   Provisioning the RHEL 7.6 linux boxes
?   Adding them to the load balancers
?   Setting up connection keys (public-private key pair, GPG keys)
?   Installing multiple software?s/agents like SQL plus, Splunk forwarder, app dynamics agent, cara agent etc.
?   Installation and deployment of Java app to new environments.
?   Setup the CHEF Auditing INSPEC to validate the infrastructure and used Jenkins to reduce human error and speed up production processes.
?   Configured CARA (CA Release Automation) to automate application code lodgment which reduced deployment time from ~2 weeks to 2 days.
?   Managed SourceTree/Bitbucket repositories and permissions, including branching and tagging.
?   Configured Splunk monitoring to continuously monitor the servers and send alerts on encountering errors.
? Upgraded all the existing instances (Australia/ New Zealand/ Asia) of   the   existing   banking application ?Detica? to ?NetReveal? using DevOps methodology for which an organization level Super Tech award was provided.

Education

UG: **B.Tech/B.E. (Electronics/Telecommunication)** from **Jaypee university of engineering and technology** in **2015**

PG: **PG Diploma (Computers)** from **International Institute of Information Technology (IIIT), Bangalore** in **2021**

Other Qualifications/Certifications/Programs:

Infosys Certified Devops Professional

Infosys Global Agile Developer

Preparatory Course for Machine Learning and Artificial Intelligence via Upgrad/IIIT-B

IT Skills

Skill Name	Version	Last Used	Experience
CHEF and Chef INSPEC scripting			
MACHINE LEARNING			
Bit Bucket/Source Tree/Git			
Sparrow/JFrog Artifactory			
Linux,Python, C/C++,Java,PL/SQL(Oracle)			

| PANDA |
| MySQL |
| VCS, MQ, BMC Remedy, WebSphere,ControlM |
| Agile Methodology/ Jira |
| Jenkins |
| Sonar Qube/ CARA/Nolio |
| Maven/Ant |

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

Affirmative Action

Category: **General**

Physically Challenged: **No**

Work Authorization

Countries: **Australia**

Job Type: **Permanent**

Employment Status: **Full time**