Shesha Sai Kumar Kurelli

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**Salesforce DevOps Engineer**

# Professional Summary:

* Over 6+ years of IT experience and gained expertise in systems - integrating [**Salesforce.com**](http://salesforce.com/) with enterprise- level applications though all available integration channels as well as **Salesforce-to-Salesforce** integrations.
* Responsible for **designing, documenting, implementing, and maintaining scripts** to enhance current build and release for different SFDC instances.
* Worked in Salesforce Platform Support team to develop and improve our **monitoring** and **dashboards** for the Salesforce platform.
* Experience with Salesforce platform production **deployments** and working in an **agile methodology**

environment.

* Experience administering **Salesforce (or similar) cloud infrastructure**.
* Working with the **ELK** (Elastic Search, Logstash, Kibana) stack to analyze log data obtained from Microsoft Business Intelligence tools.
* Extensively worked on Jenkins and Hudson for **CI** (Continuous Integration) and **CD** (Continuous Deployment) methodologies and for End to End automation for all build and deployments.

**Technical Summary:**

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| --- | --- |
| **Salesforce** | Salesforce CRM, Salesforce SFA, Apex Language, Apex |
| **Deployment Tools** | GITHUB-Jenkins, Gearset, Auto Rabbit and Copado |
| **Automation Tools** | Jenkins, Chef and Ansible |
| **Scripting** | Ant, Python and Shell scripting |
| **Version Control** | GITHUB, IBM RTC |
| **Operating System** | Linux (Red Hat 4/5/6/7, CENTOS & SUSE), Solaris 11/10/9/8, HP-UX 11.0, 11.11, 11.23, 11.31, IBM AIX (4.3/5.x/6.x/7.x), HPUX11i V1, V2 & V3, SLES 8, 9, 10, 11 & 12, Ubuntu12/13/14, Windows NT /2000/2003, DEBIAN. |
| **Application Servers** | Web Logic Application Server 9.x, 10.x, Apache Tomcat 5.x/7.x, Red Hat, JBOSS 4.22.GA, WebSphere 6.x/7.x/8.x |
| **Web Server** | Tomcat, APACHE 2.x, 3.x, JBoss 4.x/5.x, Web Logic (8/9/10) & Web Sphere 4.0/5.0 |

# Professional Experience:

**Employer Name: Dynamic Technology August ‘2018 – Present Client Name: Republic Services**

**Role: Software Developer Location: Scottsdale, AZ Responsibilities:**

* Experience with advanced [**Salesforce.com**](http://salesforce.com/) development tools.

## Supported major **Salesforce** Orgs Deployments for B2B and B2C Instances.

* Worked with **monitoring and logging tools** (Splunk, NewRelic, Graphite).
* Provided application operational support from **inception to retirement**.
* Provided system support for multiple **development teams and system users**.
* Responsible for **designing, documenting, implementing, and maintaining scripts** to enhance current build and release for different SFDC instances.

## Experience with Jenkins to support **Salesforce** ORG Migrations.

* Worked in Salesforce Platform Support team to develop and improve our **monitoring** and **dashboards**

## for the Salesforce platform.

* Experience with Salesforce platform production **deployments** and working in an **agile methodology** environment.
* Provided Support to diagnose and fix **build, deployment and infrastructure** issues.

## Creating Workflows and Validation Rules inside **Salesforce** and Mapping them to the existing functionalities and Objects.

* Imported Excel-based customer data into **Salesforce** using Data Import wizard.

## Involved in Migrating Configuration, Data between Two **Salesforce** production Organizations.

* Experience developing SCM processes, build and deployment automation, and developing **release migration plans**.

## Build scripts using **ANT** build tool in **Jenkins** to move from one environment to other environments.

* Build automation using **Jenkins** server, Install and configuration of **Jenkins**, **configure plugins**, job setup, and **build pipeline** and delivery pipeline views
* **Deployed** and **troubleshoot** of various **Jenkins** issues. Installed and uninstalled, upgraded and downgraded various **plugins** in **Jenkins**.

## Assisted developers with establishing and applying appropriate branching, labeling conventions using

**GITHUB** source control.

* Automated **Salesforce** deployments using **GITHUB-Jenkins**.

## Set up **Gearset** from scratch enabling 6 teams consisting of 30 developers [onshore and offshore] for smooth deployments.

* Researched about how deployments work in **Auto Rabbit and Copado** but couldn't implement due to financial reasons

## **Environment:** [Salesforce.com](http://salesforce.com/), GITHUB, Jenkins, Gearset, Auto Rabbit

**Employer Name: Magnus Technology Solutions Inc December ‘2017 – July ‘2018**

**Role: Software Engineer Location: Palo Alto, CA Responsibilities:**

* Created **AWS** cloud formation templates to create custom-sized **VPC**, **subnets**, **EC2** instances, **ELB**, security groups. Worked on tagging standard for proper identification and ownership of **EC2** instances and other **AWS** Services like **Cloud Front**, **cloud watch**, **RDS**, **S3**, **Route53**, **SNS**, **SQS**, **Cloud Trail**.
* Experience on **AWS** cloud services like **EC2**, **S3**, **RDS**, **ELB**, **EBS**, **VPC**, **Route53**, **Auto scaling groups**, **Cloud watch**, **Cloud Front**, **IAM** for installing **configuring** and **troubleshooting** on various **Amazon images** for server migration from physical into cloud.

## Build scripts using **ANT** and **MAVEN** build tools in **Jenkins** to move from one environment to other environments.

* Build automation using **Jenkins** server, Install and configuration of **Jenkins**, **configure plugins**, job setup, and **build pipeline** and delivery pipeline views
* **Deployed** and **troubleshoot** of various **Jenkins** issues. Installed and uninstalled, upgraded and downgraded various **plugins** in **Jenkins**.

## Experience in working on version control systems like Subversion, **GIT** by using source code management client tools like Tortoise **SVN**, **GitBash**, **GitHub**, **Git GUI** and other command line applications

* Configuring, automation and maintaining build and deployment **CI**/**CD** tools **git**/ **git-Lab**, **Jenkins**, **Build Forge**, **Docker registry**/**daemon**, **Nexus** and **JIRA** for Multi-Environment (Local/POC/NON-PROD/PROD) with high degrees of standardization for both infrastructure and application stack automation in **AWS** cloud platform. Orchestrating **CI**/**CD** processes. **CI**/**CD** tools Dockerized and infrastructure setup in **Vagrant**, **AWS** and **VPC**s.
* Experience with setting up **Chef** Infra, **bootstrapping** nodes, creating and uploading recipes, node convergence in **Chef SCM**.
* Installed/configured/maintained/administrated the network servers **DNS**, **NIS**, **NFS**, **Send mail** and application server **Apache**, **WebSphere**, **JBOSS**, **WebLogic**, **Oracle E-business** suite and **Samba** on Linux.

## Created Python scripts to totally automate **AWS** services which includes web servers, **ELB**, **Cloud Front** distribution, database, **EC2** and database security groups, **S3** bucket and application configuration, this script creates stacks, single servers, or joins web servers to stacks.

* Expertise in writing **Bash Scripts, Pearl Scripts (hash and arrays), Python programming** for deployment of **Scala** applications on bare servers or Middleware tools.
* Developed unit and functional tests in **Python, Scala** and **Java**.

## Deployed **Scala** applications to Application servers in an Agile continuous integration environment and automated the whole process

**Environment**: Redhat Linux 7.x, AWS, Chef, Ruby, Shell, Python, WebLogic Server 11g, Load Balancers, WLST, Apache Tomcat 7.x, Configured plug-ins for Apache HTTP server 2.4, Nginx, LDAP, JDK1.7, XML, SVN, GitHub

**Employer Name: Unisys February ‘2013 – August ‘2016**

**Role: Services Support Representative 1A Location: Hyderabad, India Responsibilities:**

* Extensively worked on **Ansible** to configure the servers, deploy software, and orchestrate

continuous deployments or zero downtime rolling updates.

* Custom **Ansible modules** for finding facts and taking actions to pause/unpause the alarms during deployments.
* Extensively worked on **Hudson** and **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Automate server build, configuration, and installation of basic software's using **Salt** and **Ansible**.
* Automate Application Delivery using **Puppet** and Urban Code Deploy tool suite.
* Installed, Configured, Managed Monitoring Tools such as Splunk, Nagios for Resource Monitoring/Network Monitoring/Log Trace Monitoring.
* Developed automation scripting in Python (core) using Puppet to deploy and manage Scala applications across Linux servers.
* Using Puppet Enterprise to Manage Application configurations in both a large VMware environment, as well as a new SOA environment - built completely.
* Configured Git with Jenkins and schedule jobs using POLL SCM option and integrated to automate the code checkout process.
* Involved in Building and configuring Red Hat Linux Servers using Kick Start server as required for the project. Maintained maximum uptime and maximum performance capacity for enterprise production, QA and UAT/staging.
* Worked on creating user accounts, user administration, local and global groups on Redhat Linux platform.
* Developed the scripts to push patches, files and maintain configuration drift through the Puppet Tool.
* Implemented zero downtime deployment process in WebLogic using python and shell script and automated it using Jenkins.
* Experience in setting up Upstream and Downstream Jobs Jenkins and Hudson. Worked with Jenkins Pipelines.
* Configuration and maintenance of common Linux applications such as Apache, MySQL, NFS, DHCP, BIND, SSH, and SNMP.
* Configured Jenkins/Hudson for doing the build in all the nonproduction and production environments.
* Developed build and deployment scripts using ANT as build tool and automated the build and deploy processes using Jenkins to move from one environment to other environments.
* Implemented detailed systems and services monitoring using Nagios and Zabbix. Wrote intelligent custom health checks to reduce notification noise and automate service restarts.
* Implemented and configured Nagios for continuous monitoring of applications in the production environment and enabled notifications via emails and text messages.
* Django-Celery Used for Queuing System in the Build and deploy process, taking Build & Deploy in Order-by. Using GIT for Version Control. Push/Pull/Commit/merge with GIT.
* Installing, upgrading and configuring Linux Servers using Kickstart as well as manual installations and the recovery of root password.
* Experience with setting up Linux servers for Oracle Real Application Clusters and configuring SAN based mount points.
* Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including POM.xml.
* Good experience in converting build.xml into pom.xml to build the applications using MAVEN.
* Setup a Jumpstart/Flash and Kickstart servers for provisioning of servers with different profiles.
* Installation of Red Hat EL 4.x, 5.x using Kickstart and PXE on HP DL380 G3.
* Performed backup and administration activities for SVN/GIT branching, merging, tagging.

**Environment**: Linux, C#, .NET, Perl, Chef, Ansible, Puppet, Jenkins, PHP, Ruby, JIRA, GIT, Docker, Vagrant, CFEngine, SVN, TFS, Ant, Maven, Bash, PowerShell, NT Command Shell.