Sai Krishna Yellanki 

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**Salesforce Build and Release Engineer**

**Summary:**

* Detailed technical knowledge and hands-on experience of Application development, DevOps, Automation, Build and Configuration Management.
* Extensive experience in the design and implementation of fully automated Continuous Integration, **Continuous Delivery, Continuous Deployment pipelines** and DevOps processes for Agile projects.
* Extensive experience in lead, case management, web-to-lead, Web-to case, Email-to-case.
* Good experience in working on Eclipse IDE with Force.com Plug-in for writing business logic in Apex programming language.
* Experience in SFDC Integration using Web Service and Apex Programming, Salesforce.com Service Cloud expertise.
* Exposure to different types of **software development life cycle methodologies including Agile methodology.**
* Developed Custom Web Services for handling inbound requests and outbound calls to external Web Services.
* Experience in developing customized applications on force.com platform using Apex classes and Triggers, Lightning Components, Visual Force, Web Services API, Force.com IDE, SOQL, SOSL, SOAP based Web Services.
* Expert in Sales and Support clouds.
* Proficiency in **installing App Exchange applications.**
* Presence in web technologies like **HTML, XML, JSP, JavaScript, and WSDL.**
* Capable of rapidly learning new technologies and processes, and successfully applying them to projects and operations.
* Experience with **Java, Python, Groovy, Scripting languages, Amazon Web Services** (AWS), DevOps Tools, Jenkins CI server, Configuration management, Infrastructure as Code (IaC), Terraform, Implementation and administration of containers using **Docker** and **Kubernetes**.
* Experience in automating the application release process by creating custom workflows and bringing into continuous integration and continuous delivery (**CICD**) state.
* 6+ years of experience in software development life cycle.
* Experience in Software Development Life Cycle(SDLC) on development and maintenance projects.
* Experience in working on Content Management System like TeamSite and its deployment approach with Open Deploy.
* Ability to work in team in diverse/ multiple stakeholder environment.
* Configure AWS VPC with public and private subnets, configured Routing tables, Internet gateway, ACL’s, Security groups.
* Worked with **Ansible**playbooks for configuration management, patching and software deployment.
* Ability to work in team in diverse/ multiple stakeholder environment.
* Experience in working Agile environment and knowledge on Atlassian tools.
* Willing to learn new technologies and would be interested in carrying out challenging tasks.

**Technical Skills:**

**Languages**: Java, Shell scripting, Groovy, and Python

**Version Control Systems**: SVN, Git, Bitbucket

**Automation/Build Tools:** Jenkins and JNLP Slave Nodes, Docker, Nexus, Ivy, SonarQube, Artifactory, Ansible, OpenText Teamsite, OpenDeploy, Maven, MSBuild, Ant, npm, nuget, Fortify on Demand, Qualys Scans

**Testing tools:** Selenium, Junit, JMeter, Readapi, UFT

**App & Web Servers:** WebLogic, WebSphere, Tomcat, JBoss, Apache

**Tracking Tools**: Atlassian JIRA, Confluence, Crucible, AML

**Databases**: Oracle, MySQL

**Tools**: VM Ware, Docker, AWS- EC2,S3, RDS, CloudWatch, CloudFront Vagrant, Kubernetes

**Infrastructure as Code**: Terraform, CloudFormation Templates, Packer, Ansible

**Platforms**: Linux, Windows

**Network/Infrastructure**: TCP/IP, DNS, DHCP, LDAP, AD

**Salesforce Technologies:** Sales Force CRM, Sales Force SFA, Apex Language, Apex Classes /  
Controllers, Apex Triggers, SOQL, SOSL, Visual Force Pages/ Components, Apex Web Services, SOAP & REST Services, AJAX, Workflow & Approvals, Dashboards, Analytic Snapshots, Case Management Automation, Custom Objects, Apex Data Loader.  
**Salesforce Tools:** Eclipse, Force.com Eclipse IDE Plug-in, Force.com Explorer, Force.com, Data Loader, Force.com Platform  
**MS-Suite**: MS-Word, MS Excel, MS-Project, MS Outlook.

**Professional Experience:**

**Micro Info IT Oct 2017 – Till Date**

**Salesforce Release Engineer (DevOps)**

The objective of this project is to enhance Sales cloud of Salesforce, so the Sales team has better view of their customers; Also, Cash Management products on-boarding and ticketing are being implemented using nCino product and Service cloud module of Salesforce to enhance existing On-boarding and ticketing process. The second project involves replacing Bank Trade application with new Trade Innovation application with enhanced transaction support and all existing interfaces continue to interface with the new application seamlessly.

**Responsibilities:**

* Creating fully **automated CI build and deployment** infrastructure and processes.
* Using **Jenkins, GIT, JIRA, CI tools – scripting, Nexus, Crucible, SonarQube, Maven, NPM, MS Build, Fortify and custom promotion techniques**.
* Working closely with Architecture, Development, Test, Middleware, Security and IT Services teams.
* Developing scripts for build, deployment, maintenance and deploy artifacts to various environments.
* Create and Customize **Custom Objects, Formula Fields, Cross Object Formulas, Roll up summary fields, validation rules, Dependent Pick lists, and page layouts**.
* Created workflows and Approval processes.
* Implemented **Profiles, Roles, Users, Object Permissions, Field level permissions, Page Layouts, Record Types** of the application
* Performed the role of salesforce QA/Release Engineer in the organization.
* Performed **Pre-Configuration, Post Configuration, Data Migration and deployment** activities in salesforce QA environment.
* Complete bulk imports of data using **Apex Data Loader**.
* Experienced in tools and best practices for Continuous Integration, Build, Test& Deployment [Ant/Git/Jenkins].
* Analyzing the requirements & preparing test case for the same.
* Involved in preparing and execution of **Functional/Regression Test cases based on SRS/FS (Functional Specification about particular feature)/Change** request Specification.
* Bug tracking and reporting using JIRA.
* Preparing and executing the test scenarios and test cases.
* Understanding the business functionality of the application.
* Expert knowledge of the software development lifecycle, **Release Management and Configuration Management.**
* **Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools.**
* Establishing and enforcing release policies and standards for all environments (Dev, Test, Staging and Production).
* Implementing infrastructure as code like **Jenkins file, Ansible, Terraform** or CloudFormation templates on AWS cloud architecture.
* Automate the **branching, tagging and deployments** using promotion techniques.
* **Forward plan the release windows and cycles across a portfolio**.
* Manage risks ad resolves issues that affect **release scope, schedule, deployment and quality**.
* Measure and monitor progress to ensure application releases are delivered on time and they meet expectations.
* Manage relationships and coordinate work between different teams.
* Develop scripts and configure automation tools to build, integrate, and deploy software releases to various platforms.
* Release management and provide technical help to team.

**INFOSYS Jan 2016 – Oct 2017**

**Salesforce Administrator**

Building SFDC application that facilitates Organization Users to view their customers in a unified way and generate customized user Information and customer reports accordingly. The project also involved data migration from three legacy systems to Salesforce. Without a single unified database, it was not possible to track and maintain interactions with customers. The goal of the project was also to enable global sales facilitate collaboration and manage sales on-demand

**Responsibilities:**

* Developed various **Custom Objects, Tabs, Components and Visualforce Pages and Controllers** as a Salesforce consultant.
* Administered, configured, maintained Salesforce.com application user profiles, roles, assigning Permissions, generating security tokens, validation Rule, upgrade installation.
* Created and **deployed Several Reports** using salesforce.com platform.
* Provide **training to end users, updated and modified Fields, Objects, Page Layouts.**
* Developed APEX Classes, Controller Classes and APEX Triggers for various functional needs in the application.
* Analyzed and evaluated complex business requirements and recommended solutions.
* **Developed and deployed workflows and approval processes for opportunities and products/ assets management.**
* Involved in Salesforce.com application setup activities and customized the apps to match the functional needs of the organization.
* **Implemented the requirements on Salesforce.com platform and Force.com IDE Plug-in using Eclipse.**
* Involved in fallout **analysis** and fixing the issues.
* Worked with Data loader for loading the attachments into salesforce.com, related to objects like Accounts, Contacts, Opportunities, and Activities.
* Involved in Data mapping specifications to create and execute detailed system test plans. The data mapping specifies what data will be extracted from an internal data warehouse, transformed and sent to salesforce.com entity.
* **Created and used Email templates in HTML and Visualforce.**
* Integrated the web services by generating the necessary stubs from the WSDL files for extracting the data from the home-grown applications by using the home-grown web services.
* Used the **sandbox for testing and migrated the code to the deployment instance after testing**.
* Interacted with the Salesforce.com premium tech support team on a regular basis.

**Infosys, Rhode Island Dec 2014 – Dec 2015**

**OTA (Internal) Website**

**Senior Systems Engineer**

This is an internal web project for maintaining builds for all Web and Mobile projects (Online Banking, .COM, Android, iOS) for lower regions like SIT, QA, DEV. This web based application was developed for maintaining the weekly builds for all applications within the bank using continuous integration tools like Jenkins.

**Responsibilities:**

* Develop new user-facing features.
* Build reusable code and libraries for future use.
* Ensure the technical feasibility of UI/UX designs.
* Optimize application for maximum speed and scalability
* Assure that all user input is validated before submitting to back-end.
* Collaborate with other team members and stakeholders.
* Work in an agile environment using JIRA as a tracking tool to iterative release cycles.
* Work in version control repository using Tortoise SVN.

**Environment:** J2EE, Spring, Hibernate, RESTful services, JQuery, JBoss, Servlets, JSP, Java Script, XML, Oracle DB, JIRA, SQL, Maven, JIRA, Windows, Linux, SVN.

**University of Massachusetts Jan 2013 – Sept 2014**

**Ontology Based Web Development (OWL)**

**IT Assistant**

This project involved Ontology based Web development (OWL), which would give a platform to users to solve the evaluation process of student applications in minimalist time and automate it without human interference. This can be achieved by finding the overlapping between the ontologies by using the Ontology Mapping Technique.

**Responsibilities:**

* Developing UI templates using struts custom tags, tiles and Templates.
* Applying validation rules using **OWL** Frame Work.
* Developing delegator classes for accessing Business layer from presentation layer.
* Utilizing connections by using connection pooling.
* Deploying the application in the application server.
* Writing OWL scripts to upload the user’s data from the owl file.
* Writing SQL scripts to export data to the text file for the specified format for better performance.
* Ontology designing and developing, user acceptance plans and verifying unit test plans, testing, Algorithm design, aiding in Project Management, and implementation

**Environment:** Java/J2EE, Ontology, OWL, RDF/XML, Pellet Reasoner, Protégé, Swing, HTML, CSS, JavaScript, JSP, Servlets, JQuery.

**Krest Technologies, Hyderabad, India Jun 2011 – Feb 2012**

**Programmer Analyst**

The project was to automate the outpatient’s wards; through this application to provide better patient care and improved Services. The main modules are Patients details, which maintain details like address, first consulted date and type of disease, how many times consulted to Doctor Etc. It also generates reports for all outpatients’ wards.

**Responsibilities:**

* Analysis of the specifications provided by the clients
* Requirement capture and **UML** Design using **Rational Rose**
* Designing & Coding the screen layouts using **Swings**
* Responsible for Unit Testing. Actively participated in Systems testing, Integration testing and Stress testing.

**Environment:** Java, Servlets, JDBC, Oracle 8i, Windows NT, Swings, EJB.

**EDUCATION:**

* Master of Science (MS)- Computer Science, University of Massachusetts Dartmouth, MA, USA
* Bachelor of Technology (B.Tech) – Computer Science Engineering, JNTU Hyderabad, TN, India