**SANDEEP MARUPUDI**

Email:**smarup3@gmail.com**

**Phone: (347) 391-1028**

**Professional Summary**

* Experience in Oracle Identity Manager **(OIM),** Middleware/Oracle SOA/OIM Oracle Enterprise Manager/WebLogic Application Server Administration, with implementation of Information Security, Provisioning/reconciliation, Identity Workflows, Access Management, Database Design, Java Programming, Web Services, Role Based Access Control (RBAC).
* Architecture, design, development, testing, integration and implementation expertise in Identity and Access Management, J2EE-based web applications.
* Practiced ease ongoing maintenance, advice roadmap and future activities to add business value to the project.
* Implementation experience with Oracle Identity Manager till the most recent versions
* Experience in all phases of software development life cycle SDLC which includes User Interaction, Business Analysis/Modeling, Design, Development, Implementation, Integration, Documentation, Testing, Deployment, Builds, Configuration and Code Management, Production/Customer Support and Maintenance.
* Experience in developing custom connectors, tasks, provisioning, approval processes and other custom components to meet product requirements.
* Hands on experience on OOTB connectors like **Active Directory (AD),** LDAP and Database Application Tables (DBAT), Generic SCIM connectors to facilitate User Provisioning and Reconciliation between target and OIM systems with Work Flow management for Approvals, Re-Certification and Audit Trials.
* Installed and configured Oracle WebLogic 10g/11g with Webserver and provided support for ongoing releases and migrations.
* Strong Knowledge of **MS SQL Server2012**/2008/2005, DB2, MS SQL and Oracle
* Developed Web-Services module for integration using **REST**.
* Have knowledge on WebLogic application server, WebSphere, OHS, JBoss and apache servers
* Hands on development experience with RDBMS, including writing SQL queries.
* Experience in Configuring instances through customized **Cloud Formation templates (JSON)** and ensuring **AWS load balancing, security, storage (S3 buckets** and **Glacier), backups (EBS stores), resilience (Route53),** and creating virtual private cloud environments **(VPC).**
* **Containerization** of web applications using customized **Docker** images.
* Utilize **chef** cookbooks (using Perl, shell, Python scripts) to provision server/packages on cloud machines.
* Continuous integration and delivery using **GIT**, **Puppet**, **Jenkins**.

**Experience**

**TITLE: OIM Developer Oct 2018 - Present**

**EMPLOYER: TEKNICLOUD INC**

**CLIENT: ERCOT, Taylor, TX**

**Responsibilities:**

* Install OIM in development in all the environments
* Implementation and customization of OIM as per the client infrastructure requirements.
* Configuring Pre-populate adapter and Process Task Adapter which are used for user management during provisioning to target systems.
* As a front-end LDAP proxy server using MS Active Directory (AD) and Oracle Internet Directory (OID)
* Applied patches to enhance functionality of the system.
* Involved in migrating the data from the old system.
* Integrated OIM Application using Disconnected Approach and customizing Reconciliation using Flat File Connector.
* Developed and arranged the Roles with access strategies to procurement the clients into the LDAP Group in OID.
* Monitored OIM server log files to check any error for user, resource related errors.
* Worked on new configurations for criteria based Provisioning, Membership rules and Access Policies.
* Performed tuning of LDAP and OIM components.
* Involved in analysis with consumers and gathering new user requirements for the system
* To improve the performance, fine-tuned Web Logic configuration and OIM &amp; OIM configuration.
* Monitor Individual queue for tickets assigned, troubleshooting and repair of all aspects of operating systems and hardware.
* Granted administrative rights to users
* Installed the connectors for AD, Exchange and Database.
* Wrote custom connector classes to attain functionality, which was not available OOTB.

**TITLE: Cloud Engineer June 2017 – Oct 2018**

**EMPLOYER: INVENTIONS INC**

**CLIENT: AOL, Chicago, IL**

**Responsibilities:**

* Written Chef Cookbooks for installing operating systems, installing Software, web applications in Virtual Machines and AWS EC2 instances.
* Installed Workstation, Bootstrapped Nodes, Wrote Recipes and Cookbooks and uploaded them to Chef-server, Managed On-site OS/Applications/Services/Packages using Chef as well as AWS for EC2/S3 and ELB with Chef Cookbooks.
* Involved in designing highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs**.**
* Provided highly durable and available data by using S3 data store, Versioning, Life Cycle Policies and created AMIs for mission critical production servers for backup**.**
* Monitoring AWS Instances regularly using ops view and New Relic tools.
* Responsible for design and maintenance of Subversion Repositories and the access control strategies.
* Configured and managed plugins in Jenkins server.
* Used GitHub repository to run Jenkins job for Continuous Integration.
* Created end to end automation of Continuous Deployment and Configuration Management in deploy.
* Troubleshooting communication issues with CHEF client nodes and CHEF servers.
* Managed hardware, software, and networking for a large scale cluster on Amazon EC2.
* Used security groups, IAM roles, scaling groups, load balancers, Monitored EC2 instances with Cloud Watch.

**TITLE: Cloud Engineer Dec 2016 – June 2017**

**EMPLOYER: BUSINESSINTELLISOLUTIONS**

**CLIENT: Pearson, Dallas, TX**

**Responsibilities:**

* Worked at optimizing volumes and EC2 instances and created multiple VPC instances.
* Automated regular Aws tasks like snapshots using python scripts.
* Performing the hardening of AWS root accounts after requisition.
* Created IAM accounts for different users including developers, system admins, and network admins. Configured IAM Groups and Users for improved login authentication.
* Used Amazon EBS (Elastic Bean Stalk) for deployments on Development environment.
* Creating the configuration for establishing a VPN tunnel between on premise network and AWS VPC.
* Managing the multi-tier and multi-region architecture using AWS cloud Formation.
* Involved in implementing Chef Cookbooks for OS component configuration to keep AWS server’s template minimal**.**
* Focused in Continuous Integration and Continuous Deployment and promoted enterprise solution deployment assets to target environments**.**
* Involved in administering and Implementation of CI tools like Jenkins**.**
* Worked on creation and managing IT infrastructure and application stack using AWS Cloud formation and writing the template file using JSON.
* Configured Elastic Load Balancers with EC2 Auto scaling groups.
* Utilized Cloud watch to monitor resources such as EC2, CPU memory to design high availability applications on AWS across availability zones.

**SKILLS**

* **Identity and Access Management**: Oracle Identity Manager (OIM) 11g R2, PS2/PS3, Oracle Identity Governance (OIG), Oracle Design Console, Web Gate, Oracle Enterprise, Sandboxes, E-Business E-Suite (EBS).
* **Integrated Applications:** AD, Exchange, Sun Directory Server, OID, OUD, Oracle E-Business, PeopleSoft, SAP, RACF.
* **Languages:** Java/J2EE, C, C++, SQL, XML, Groovy.
* **DevOps Automation & Configuration Tools:** Jenkins, Chef, Puppet
* **Virtualization Tools:** Docker & VM Ware
* **Cloud Platform (Iaas):** AWS (EC2, S3, Route53, RDS, DynamoDB, VPC, Cloud Watch/ Metrics, IAM)
* **Databases:** Oracle, MySQL, MsSQL, MongoDB
* **Testing Tools:** HP QC, HP ALM (v 11.0, 12.0), JIRA

**EDUCATION**

**University of Illinois at Springfield, IL GPA: 3.8/4**

**Master of Science, Computer Science**, 2016

Sample Coursework: Distributed Systems, Database Administration, Network Security & Information Assurance, Algorithm Design & Analysis, Wireless/Mobile Networks

**Jawaharlal Nehru Technological University, Kakinada, India GPA: 3.5/4**

**Bachelor of Science, Computer Science**, 2015