More than 10 years of Java and cloud computing development experience in IT industry as a Senior Developer in the full life cycle of the software development process.

**SUMMARY**

* Very Strong experience on **Openstack and AWS web service development,Java,Python**, **Docker, Virtualization**, Django, ,shell scripting,bash
* 9+ years of development experience on Java, J2EE, Spring4.0, Hibernate4.2,REST, JSF, Nodejs, AngularJs,JQuery, Maven, Oracle11g, with **very strong back-end / database development** skills.
* Strong experience on OOPS Principals, Design Patterns, MVC, Component based designing and Experience in REST and SOAP based Web Services API Application Development. Knowledge of Spring, Hibernate (ORM), JPA, Maven, ANT, based UI automation.
* Created a highly-scalable, distributed system for running Web applications and Web services by working with architects and developers and ensuring the implementation of Restful Web services and API design.

**TECHNICAL EXPERTISE**

|  |  |  |
| --- | --- | --- |
| Programming Languages | : | Core Java, Python,Ruby, GO, Nodejs,Scala, Data Structure, |
| Web Technologies | : | Spring3.0, Hibernate3.2,REST, JSF2.0,Primefaces, Rich Faces, Struts2.0, Ajax, JSP, Servlets, Ibatis, JDBC, XML, HTML, JavaScript, JQuery, DOJO, CSS, Junit, Unix,Google GWT,Gson,Google map,Android and IOS MVC,JSON,CQRS,N-Layer,Play framework |
| Web Services | : | REST,SOAP,Thrift,Pickle, JAX-WS, Kafka,BACnet |
| Web Servers | : | Tomcat, BEA Web Logic, Web Sphere, JBOSS |
| Database Technologies | : | MongoDB, Cassandra, DynamoDB ,Oracle 11g, DB2, My Sql5.0, |
| Tools |  | Eclipse 3.0,Pycharm, Sublime Netbean5.0, RSA, Jasper Report |
| UML tools |  | Rational Rose, EA LITE |
| Cloud technologies |  | Openstack , AWS webservices ,Cloud Foundry,Docker,OpenShift, KVM,Esxi,RHEL,Hadoop,Spark,Hive,Pig,OpenContrail |
| Build tool |  | Gradle,Maven Ant and Shell script |
| Code Repository tool |  | GIT,Gerrit,Stash, SVN,CVS |
| Devlopment |  | Agile methodology,Continuous integration, Jenkins |
| Networking |  | Network Virtualization,virtual switch, data center binding |
| Containers |  | Docker,LXC ,Warden,Garden |

**EDUCATION:**

**Masters in Computer Science**

**CERTIFICATIONS**

* Openstack certified developer (Kilo)
* Amazon AWS certification.(AWS Developer)
* Sun Certified Programmer for Java platform 1.6(SCJP1.6)
* Sun Certified Web Component Developer 1.5 (SCWCD 5.0)
* Sun Certified Business Component Developer 1.5 (SCWCD 5.0)
* Sun Certified Developer Java Web Services 1.5 (SCDJWS 5.0)
* Sun Certified Enterprise Architect(SCEA-I)

**PROFESSIONAL EXPERIENCE**

**Company – Cisco (Cloud Developer)**

**March 2015- Present**

**Location – San Jose, CA**

**Technologies & Languages** –Openstack, AWS, Docker,Pyhton, Java, GO,Spring4.0, Hibernate4.2, NodeJs, REST, Django,AngularJs, Python, Ruby Ajax, Thift, Json, Web Services, JQuery, Tomcat,RHEL,JMS, Django, Akka,BACnet,Hadoop, Hive, Spark ,Pig,, Cassandra, zookeeper.

Description – Working as a developer of the cloud deployment team for the VMS solutions that will cater Cisco wide applications for the customer download. Deploying applications and third party services including**Cassandra, Redis, Kafka**, Logstash on the Cloud Foundry PAAS (Platform as a Service) to govern the application lifecycle with a modern IT platform that accelerates software development without compromising operations and zero downtime upgrade.

**Responsibilities:**

* Platform Architect for PIaaS (Partner-Infrastructure-as-a-Service).
* Responsible for building API frameworks Partners.-Part of the API design team and responsible for the design command gateway interface using python and thrift API.
* Designed REST API to interact with Openstack and different clouds
* Installed Openstack on development environments as well as production environments.
* Created Debian package to deploy python code on different production machine.
* Integrated Horizon api’s with client application.
* Developed AWS S3 API to copy project artifact into S3 bucket.
* Developed AWS cloud formation template to create a complete deployment stack.
* Integrated Open stack API with Amazon EC2 cloud based architecture in AWS, including creating machine Images.
* Developed Horizen UI interface for VM provisioning using JQuery and J2EE.
* Involved in deploying systems on Amazon Web Services Infrastructure services in data center.
* Configured AWS, High Availability Practices and deploying backup/restore infrastructure designed in NoSQL Databases – **MongoDB, CouchDB**

**Company \_ Sprint (Cloud Developer)**

**Client - April 2014- Feb 2015 (Sprint Telecom)**

Location – Kansas City, KS

**Technologies & Languages** - Openstack, AWS, Python, Java, Spring, REST, Docker, REST(Pecan),AWS Ec2,KVM,Esxi,Thrift, MVC, Django, Jenkin,Gerrit (code review),Json, Mock, Hadoop, Hive, Spark ,Pig, Cassandra, zookeeper.

**Description**: This project is Service Providers collaboration application which is deployed in IAAS. Where multiple servicers can collaborate the service based on partnership.

**Responsibilities:**

* Wrote Nova ,GlanceNeuton python client API to integrate with existing application .
* Customized Horizon dashboard to invoke client application REST API.
* Integrated Openstack with different clouds provider to provision the VM in any cloud.
* Created Chef cookbooks and recipes to integrate Heat templates into Openstack.
* Written Virtualization layer APIs (e.g.,KVM/Libvirt and ESX/vCenter API).
* Deployed source code using Linux packaging i.e. Debian package.
* Established developer workflow and code review process with Gerrit.
* Configured Jenkin continuous integration with Git repository.
* Configured Load balancer for vm instance.
* Configured core components like Nova,keystone,neutron.
* Accessed Openstack services using jquery. .
* Developed JMS classes and configuration to pass the message to Queue.
* Gathered requirement from clients and created UML diagrams.
* Implemented continuous integration testing and release systems
* Code deployment using Chef
* Used Amazon beanstalk to deploy application

**Project: Toshiba Software(April 2013- March 2014)(Senior Java Developer)**

**Technologies & Languages** –Openstack, Python, Django, Spring4.0, Hibernate4.2, JSF,REST(Jersey) Rich faces, AngularJs, Python, Ruby Ajax, Web logic, Oracle, Web Services, Java script, CSS, Jasper report, JQuery, Tomcat,Chef. RHEL, JMS, Django.

**Description:** LCV is product which provides VM provisioning and VM machine to user who is not capable to manage physical machine and storages.

**Responsibilities:**

* Enhanced Private Cloud blueprint by mapping OpenStack components to functional blocks
* Evaluated 5 top open source cloud management software viz. OpenStack, CloudStack, Eucalyptus, OpenNebula and OpenQRM and authored a Point of View comparing and contrasting these products
* Implemented multi-tier application provisioning in OpenStack cloud, integrating it with Chef/Puppet
* Implemented horizontal auto-scaling in OpenStack cloud, integrating it with Zenoss, OTRS and Chef
* Installed and configured Essex, Folsom and Grizzly (multi-node architecture) versions of OpenStack
* Integrated OpenStack (Grizzly) with OpenvSwitch to create Software-Defined-Networking tenant and service provider networks and routers
* Implemented automated local user provisioning in instances created in OpenStack cloud through Chef recipes
* Integrated KVM hypervisor with OpenStack
* Conducted several SME sessions and delivered demonstrations to clients on OpenStack and Open source cloud technology
* Created an open source configuration management and automation PoV by evaluating Chef and Puppet in a cloud environment
* Implemented OpenStack vendor distributions from Red Hat and Ubuntu
* Created designs for integrating OpenStack with Dell hardware/software and Netapp Flexpod
* Familiar with OpenStack concepts of user facing availability zones and administrator facing host aggregates
* Installed Hadoop components HDFS, MapReduce, Hive, HCat, Zookeeper, HBase, Pig, Sqoop, Oozie utilizing Ambari installation tool in CentOS
* Implemented Software-Defined-Storage by integrating Ceph and Gluster to OpenStack cloud
* Implemented horizontal auto-scaling use cases using OpenStack components – Heat, Ceilometer and LbaaS

**Project: Bank of America IBM(Feb 2012- April 2013) Senior Java Developer - Bangalore**

**Technologies & Languages** - Spring4.0, Hibernate4.2, JSF,REST(Jersey) Rich faces, Oracle, Eclipse, Ajax, Web logic, Web Services, Java script, CSS, Jasper report, JQuery, Tomcat,Data Structure.

**Description:** IBM Customer Connect is a finance Product and custom web portal that brings various applications from microelectronics division under one umbrella along with providing capabilities to collaborate. ICC is a price tool that generates the actual and forecast data for parts of the microelectronics division. This product allows the facility to connect multiple clients to purchases and order parts using online payment and tracking of the delivery status.

**Responsibilities:**

* Developed REST API to interact with Open stack..
* Integrated Open stack API with Amazon EC2 cloud based architecture in AWS, including creating machine Images.
* Developed UI interface for VM provisioning Using JQuery and J2EE.
* Involved in deploying systems on Amazon Web Services Infrastructure services in data center.
* Configured AWS, High Availability Practices and deploying backup/restore infrastructure

Designed in NoSQL Databases – MongoDB, CouchDB

**Project: BCBS (Dec 2010- Feb 2012)**

**Technologies & Languages** - Spring4.0, Hibernate4.2, JSF,REST(Jersey) Rich faces, Oracle, Eclipse, Ajax, Web logic, Web Services, Java script, CSS, Jasper report, JQuery, Tomcat,Data Structure.

**Description**Partner portal is a airlines web project which is used to plan, book and manage your trip across the world, it also manage transport and logistics extends the reach of the company’s transportation network, offering customers domestic and international service and LTL transportation services, as well as it manages the Partner Billing Business Processes for so many partners

**Responsibilities:**

* Developed JSF controller classes .
* Written REST API to integrate JSF and Spring framework.
* Developer complex UI page using JSF and prime faces .
* Developed JMS classes and configuration to pass the message to Queue.
* Gathered requirement from clients and created UML diagrams.

**Project: CSC (April 2010- Nov 2010)**

**Technologies & Languages** - Spring MVC, Hibernate4.2, REST (Jersey), Oracle, Eclipse, Ajax, Web logic, Web Services, Java script, CSS, Jasper report, JQuery, Tomcat,Data Structure.

**Description**Matson is a enterprise application that manages transport and Logistics extends the reach of the company’s transportation network, offering customers domestic and international service and LTL transportation services, as well as third-party logistics services that include warehousing, distribution, and freight forwarding through the subsidiary, Matson Global Distribution Services (Matson Global).

**Responsibilities:**

* Developed Spring MVC controller classes and API.
* Written Spring Batch classes and configuration to schedule the job.
* Developer complex UI page using Spring MVC.
* Developed JMS classes and configuration to pass the message to Queue.
* Developed PL/SQL queries and gathered requirement from clients and created UML diagrams.

**Project: BCBS (May 2008- March 2010)**

**Technologies & Languages** - Struts, Oracle, Eclipse, Ajax, Weblogic, Web Services, Java script, CSS, Jasper report, JQuery, Tomcat,Data Structure.

**Description** - Emeraldis an innovative web-hosted service that enables carbon labeling of products. Emerald helps organizations accurately measure the CO2 equivalent embodied in the products during their complete life cycle. Emerald measures the carbon equivalent of the six most harmful GHGs that contribute to climate change calculated by analyzing raw materials in making a product, how they are grown or where they are procured from, followed by manufacturing, distribution, retailing, usage and finally disposal and recycling. It works as a management information tool for planning future carbon reduction strategies. The solution in addition to Life Cycle Assessment also supports Carbon Offsetting, Scenario Planning & Abatement and Administration.

**Responsibilities:**

* Developed Struts Action classes and API.
* Written core engine to read the data from xls file and stored into database.
* Developer complex UI page using Struts.
* Developed mail API and JMS configuration to interact with Queqe.
* Deployed war file into APP server in Linux environment,

**Apple (Sep 2006- Feb 2008) – San Francisco, CA**

**Technologies & Languages** - Struts, Oracle, Eclipse, Ajax, Weblogic, Web Services, Java script, CSS, Jasper report, JQuery, Tomcat,Data Structure.