**<name>**

<address> Mobile No: …...

Email: **…...**

# Career Objective:

To use my technical skills and management abilities to conceive, develop and implement programs that significantly impact the enterprise I am associated with. My greatest strength is my ability to walk into a new environment and be functional immediately. I am quick to learn and adapt to new situations and technologies.

# Competence and Career Summary:

* Around 6 years of experience in Software development and implementation in the Server-Client environments using Cloud computing, OOPS and J2EE technologies and different Proof of Concept assignments.
* Strong knowledge and skills on AWS Architecture Design, especially in

Production, Development and Testing Environment.

* Strong knowledge and real time experience in Amazon Web Services (EC2, S3, RDS, SES, VPC, Route 53, Elastic Beanstalk etc.)
* Worked on many proof of concept (POC) assignments on OpenStack, Amazon

Web Services, Chef and Puppet automation tools and OpanAM.

* Have good experience in all the phases of Software development life cycle starting from requirement gathering, analysis, design, coding, implementation and support.
* Independent contributor and communicator with business partner to resolve

issues and negotiate project related items such as priorities and completion deadlines.

* Understanding customer requirements and convert them into sate of the art

solution.

* Ability to research, propose and prototype new principles, technologies, tools and concepts and integrated them into the teams collective knowledge.
* Experienced in working with remote teams in global environment.
* Flexible and adaptive to project dynamics and be self-learner and self-driver of assigned tasks.
* Develops innovative approach on performance optimization and automation.
* Ability to multi-task and function efficiently with very aggressive schedules/timelines.
* Interviewed the candidates for project and trained fresher’s team for Core

Java and Amazon Web Services.

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# Technical Summary:

|  |  |
| --- | --- |
| Programming Language | Core Java, J2EE |
| Cloud Services | Amazon Web Services ((S3, EC2, RDS, VPC, Dynamo DB, SES, CloudFront, Elastic Load Balancer, Elastic BeansTalk, CloudWatch, , Elastic BeansTalk, IAM etc.), |

|  |  |
| --- | --- |
|  | OpenStack (Swift, Nova, Glance, Keystone, Horizon, Cinder), VMWare API, jClouds |
| DevOps/Script | Chef and Puppet (automation tool), Python, Ruby |
| Operating System | Linux, Windows |
| Web Servers/Tools | Tomcat 7, Eclipse IDE, NetBeans IDE |
| Web Services | RESTful Web Services |
| Version Control and Tools | VSS and Tortoise SVN, Tema, Redmine |

**Other POCs:**

* Chef configuration management – done entire client side implementation of Chef tool. Used enterprise chef (Opscode) to setup and configure to automate VMware tenant creation.
* Puppet configuration management – automated storage and infrastructure

testing using puppet. Used enterprise puppet to automate storage and infrastructure.

* OpenStack LBaaS (Load Balancing as a service)
* Image (codenamed ["Glance"](http://glance.openstack.org/)) provides a catalog and repository for virtual disk images. These disk images are mostly commonly used in OpenStack Compute. While this service is technically optional, any cloud of size will require it.
* Compute (codenamed ["Nova"](http://nova.openstack.org/)) provides virtual servers upon

demand. Compute services built on Nova and it is used internally at companies like Mercado Libre and NASA (where it originated).

* Dashboard (codenamed ["Horizon"](http://horizon.openstack.org/)) provides a modular web-based user

interface for all the OpenStack services. With this web GUI, you can perform most operations on your cloud like launching an instance, assigning IP addresses and setting access controls.

* Identity (codenamed ["Keystone"](http://keystone.openstack.org/)) provides authentication and authorization

for all the OpenStack services. It also provides a service catalog of services within a particular OpenStack cloud.

* Network (codenamed ["Quantum"](http://quantum.openstack.org/)) provides "network connectivity as a

service" between interface devices managed by other OpenStack services (most likely Nova). The service works by allowing users to create their own networks and then attach interfaces to them. OpenStack Network has a pluggable architecture to support many popular networking vendors and technologies.

* Block Storage (codenamed ["Cinder"](http://cinder.openstack.org/)) provides persistent block storage to

guest VMs.

* Neutron is an OpenStack project to provide "networking as a service" between interface devices (e.g., vNICs) managed by other Openstack services (e.g., nova).

# Academic Profile:

* Completed B.E. (Computer Science) with 64.8% in May 2008 from RGPU, Bhopal.
* Completed 12th with 61% in June 2002 from M.P. Board, Bhopal
* Completed 10th with 84.8% in June 2000 from M.P. Board, Bhopal

# Work Experience:

**Current Company:** Toshiba Software (India) Pvt. Ltd.

**Designation:** Senior Software Engineer

**Experience:** June 2012 – till date

**Previous Company:** AppLabs a CSC company

**Designation:** Senior Software Engineer

**Experience:** Sep 2011 to May 2012

**Previous Company:** AppLabs Pvt Ltd, Hyderabad

**Designation:** Software Engineer

**Experience:** Aug 2008 to Sep 2011

# Project Profile:

**Project #1 VDI Configuration Manager**

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| --- | --- |
| Employer | Toshiba Software (India) Pvt. Ltd. – Bangalore |
| Role | Developer (Team Lead) |
| Clients | Toshiba America Information Systems (TAIS) |
| Duration | September 2013 – Till Date |
| Technologies used | Chef Automation (Opscode) tool, VI-SDK Java (wrapper over VMware vSphere Java SDK), Powershell scripts, Ruby scripting, Spring, Hibernate, AWS Java SDK (S3, EC2, SES, RDS-MySQL, Elastic Beanstalk-Tomcat 7), Spring jersey (RESTful). |
| Operating System | Ubuntu 12.04 LTS (Precise), Windows Server 2008 R2 |

## Description:

Toshiba is a Japan based company having 100’s of various products in electronics and software domains. "Virtual Desktop Infrastructure (VDI) Configuration Manager" is a Web application to automate Virtual Desktop Infrastructure using Chef Tool. VDI Configuration manager has advanced features like creating Tenant (like Xen Desktop and Horizon View). VDI Configuration Manager can create Infrastructure virtual machines required for tenant creation and install and configure all the software required for particular server.

VDI Configuration Manager creates server in such a way that in future server maintenance is fully automated through Chef Server-Agent concept. It has ability to generate runtime reports of the Tenant's servers.

## Responsibilities:

* Understanding of systems engineering concepts.
* Responsible for preparing High Level Design (HLD), Low Level Design (LLD)

and basic design document.

* Responsible for Chef Implementation and design client side implementation of chef.
* Designed and implemented Amazon Web Services architecture, API

implementation EC2 Server setup and deployment.

* Responsible for creating Product Backlog, Sprint Backlog, leading the Sprint and team management.
* Responsible for reviewing the code developed by the other Developers for

Bug-Fixing.

# Project #2 Zadara Enterprise Storage Automation

|  |  |
| --- | --- |
| Employer | Toshiba Software (India) Pvt. Ltd. – Bangalore |
| Role | Senior Developer |
| Clients | Toshiba America Information Systems (TAIS) |
| Duration | August 2013 – Till Date |
| Technologies used | Puppet automation tool, Ruby scripting, Python Scripting, Spring, Hibernate, AWS Java SDK (S3, EC2, SES, RDS- MySQL, Elastic Beanstalk-Tomcat 7), RESTful. |
| Operating System | Ubuntu 12.04 LTS (Precise) |

## Description:

Zadara Storage developed cloud block storage software that runs on x86 hardware. “Zadara Storage Automation is a web application which automates Zadara Storage installation and configuration.”

Puppet tool has been used for configuration and management of Zadara Storage.

## Responsibilities:

* Involved in Basic design document analysis and prepared Puppet based POC and understanding of design document, requirements analysis.
* Involved in High Level Design (HLD), Low Level Design (LLD) and basic design

document.

* Designed and implemented Amazon Web Services architecture, API implementation EC2 Server setup and deployment.
* Responsible for creating Product Backlog, Spring Backlog, leading the Spring

and team management.

* Responsible for reviewing the code developed by the other Developers for Bug-Fixing.

# Project #3 Toshiba Online Storage System

|  |  |
| --- | --- |
| Employer | Toshiba Software (India) Pvt. Ltd. – Bangalore |
| Role | Senior Developer |
| Clients | Toshiba Corporation - Japan |
| Duration | June 2012 – July 2013 |
| Technologies used | J2EE, Spring, Hibernate, AWS Java SDK (S3, EC2, SES, RDS- MySQL, ElasticBeans Talk, Auto Scaling, Elastic Load |

|  |  |
| --- | --- |
|  | Balancer), Tomcat 7, Web Services SOAP and RESTful, Android, Windows 8 Metro |
| Operating System | Linux |

## Description:

Toshiba is a Japan based company having 100’s of various products in electronics and software domains.

“Toshiba Online Storage System” is a project based on cloud computing. Using this application, trial/registered users can store their confidential or important files on cloud. This application provides secure way of accessing stored data using various encryption algorithms. This application can be integrated with various client applications like windows-8, android mobiles, tablets, windows phone, or any other client application.

We have implemented this project using Restful (Cxf) web services, java, spring, hibernate, AWS.

## Responsibilities:

* Involved in Basic design document analysis and prepared API design document, requirements analysis, Server side API implemented.
* Designed and implemented Amazon Web Services (S3, EC2, RDS and SES

etc.) architecture, API implementation EC2 Server setup and deployment.

* Implementing Server API using Web Services CXF 2.0(Restful), Java, and Tomcat.
* Worked on user website development using Spring 3.x and Hibernate 3.0

technology.

* Worked on Android client API design and development.
* Worked on Multipart file upload/download functionality.
* Reviewing the code developed by the other Developers for Bug-Fixing.

# Project #4 AppCloud Manager

|  |  |
| --- | --- |
| Employer | AppLabs a CSC Company |
| Role | Senior Software Engineer |
| Clients | AppLabs |
| Duration | January 2010 – May 2012 |
| Technologies used | Web Services (SOAP), JSP, Spring, Hibernate, Amazon API (S3, EC2, RDS, SES, CloudWatch), JFreechart, DOM4j, Tomcat, MySQL. |
| Operating System | Linux |

## Description:

AppCloud Manager (ACM) is a Testing as a Service (TaaS) tool, which is developed on J2EE,

Amazon API and other Java API for reporting. It provides a complete performance testing life cycle solution. Using ACM user can create instances on Amazon cloud, control the cloud instance and run the test from remote location and finally generate the report.

* Involved in analyzing requirements, Design and implemented Prototype.
* Worked on Custom Linux Amazon Instance Machine (AMI) creation, and developed the execution module
* Worked on development of Controllers Layer (Actions), Business Layer

(DAO’s) and View Layer (JSP).

* Worked on development of writing Database queries using JDBC and SQL.
* Developing the application using Tiles Frame work.
* Worked on bug-fixing in Execution modules, Report modules and AMI.

# Project #5 AppLabs Infrastructure Management

|  |  |
| --- | --- |
| Employer | AppLabs |
| Role | Software Engineer |
| Clients | AppLabs – Automation Testing team |
| Duration | November 2009 – June 2010 |
| Technologies used | Web Services (SOAP), JSP, Spring, Hibernate, Tomcat, MySQL |
| Operating System | Linux |

## Description:

AIM, AppLabs Infrastructure Management is an application planned for managing Test automation lab of an organization which integrates and manages the Automation phase of a test execution with the inventory and resources utilized for automation. The main features of this application are remote or local lab management, Script execution as well as reporting status of the lab utilization.

## Responsibilities:

* Involved in analyzing requirements, Designed and implemented Prototype.
* Worked on development of Controllers Layer (Actions), Business Layer (DAO’s) and View Layer (JSP).
* Worked on development of writing Database queries using JDBC and SQL.
* Developed the application using Tiles Frame work.
* Responsible for delivering Change Requests within the deadlines.
* Worked on bug-fixing in Inventory and Request modules.

# Project #6 IT Helpdesk

|  |  |
| --- | --- |
| Employer | AppLabs |
| Role | Associate Software Engineer |
| Clients | AppLabs – IT Support team |
| Duration | August 2008 – December 2009 |
| Technologies used | JSP, Struts, Tomcat, MySQL and Windows. |
| Operating System | Linux |

## Description:

IT Helpdesk is a powerful web-based trouble ticket system built for Helpdesks.

It keeps detailed information about a trouble ticket system, Knowledge base and FAQ system. All elements are interwoven into a seamless web application. IT Helpdesk also includes features Workstation management, with an auto allocation and release of workstation through just serving the ticket.

* Involved in analyzing requirements.
* Worked on development of Controllers Layer (Actions), Business Layer (DAO’s) and View Layer (JSP).
* Worked on development of writing Database queries using JDBC and SQL.
* Developing the application using Tiles Frame work.
* Responsible for delivering Change Requests within the deadlines.
* Involved in MySQL & Tomcat server maintenance.

Date:

Place: Bangalore **(name)**