# SINGARAIAH

# Mobile: 9739464364

# Email: singaraiahdheekonda.java@gmail.com

Objective

To obtain a challenging position in analysis, designing and programming. Ideal to work with a company where I can put my technical skills and where I can emerge into new technology.

Summary

* Having **6+**years of experience in the development and support of software applications using **Java, J2EE** technologies.
* Good Working knowledge on **Storage** Domain (Emails & MS-office documents achieving).
* Good Knowledge of **OOPs Concepts** and **MVC** architecture.
* Good working knowledge in **Struts, Hibernate** and **IBATIS** Frameworks.
* Good working knowledge in database connectivities like **JDBC, JNDI.**
* Good working experience in Server side technologies **Servlets, JSP.**
* Good working experience in APIs like **JMX, MIME4J, JAXB, JAXP.**
* Good working knowledge in writing **Database Queries**.
* Good working knowledge on **Tomcat, JBOSS, Weblogic**, **Apache HTTP** servers.
* Good knowledge on **Shell/Bash**scripts.
* Good knowledge on **REST based Web services.**
* Good working knowledge on **Apache LuceneIndexing** technologies.
* Working experience on Distributed computing technology like **RMI**.
* Hands on experience in **System Infrastructure**. Appliance Configuration, network cabling, network configurations and server installations.
* Having very good knowledge in **Virtual Machine Configurations** using **VMware**.
* Hands on experience in **Linux Based RPMS** Generation and deployment.
* Good Knowledge in **Patch Frame work** and **Patch generation**.
* Hands on experience in tickets (issues) tracking tools like **Quality Center**.
* Hands on experience in **Code review tracking tools**.
* Very much exposure to **root cause analysis** and **log analysis**.
* Good Debugging skills.
* Good problem solving, analytical and reasoning skills.
* Eager and enthusiastic to learn and explore new technologies and platforms.
* Certified from Excellent java/j2ee training Centre and trained for nearly one year.

Educational Qualification

* **B.Tech** from **JNTU University** April2006, Hyderabad.

Professional Summary

* Working as a **Senior Software Engineer** in **HCL Technologies** from June 2013-Till Date
* Worked as a **Software Designer 1** in **HP India Software Optns** from Jan 2011-April 2013.
* Worked as a **Senior Software Engineer** in **Magna InfoTech Pvt Ltd**from Nov 2008-Dec 2010.

**Technical Skills**

Languages **:** Java, J2EE

APIs **:** Core Java, JDBC, JAXB, JAXP, JMX and Log4J, MIME4J.

Server side Technologies **:** Servlets, JSP.

Sever side Business component **:** EJB.

Distributed computing technology : RMI.

Frame works **:** Struts, Spring ,Hibernate,IBATIS,Web services and JUnit.

Markup Languages **:** HTML, XML,XSL.

Scripting Languages **:** JavaScript, Shell/Bash script.

Application/Web Servers **:** JBoss 4.0.3SP1&4.2.3GA, Web Logic 8.2, Apache Tomcat

5.5, Apache HTTP server 2.2.

RDBMS **:** MySQL, PostgresSQL, Oracle 11i and DB28.1&9.7.

Build Script **:** Ant script, Mavenbuild, Jenkins

Operating System **:** Windows 8/XP/NT and Linux.

IDE **:** Eclipse, My Eclipse.

Software tools **:** Thread dump Analyzer, Heap dump Analyzer, Luceneluc

dumper, Hot fix generation tool, Code review portal,

RPM build, VMware tools, Quixy, Dreamweaver, Hudson

Tool, Control-M, PMsmart(Quality tool), HP ALM tool.

Version control tool **:** SVN, CVS

**Projects Summary:**

**Project #1:**

Title : **New Central Billing Engine (NCBE)**

Domain : **Banking**

Client : Deutsche Bank

Environment : Java,Servlets,JSP,JSPX,spring,Struts,IBATIS,JavaScript,CSS,HTML,shell

script, Linux

Servers : Weblogic8.1&12c

Database : Oracle

IDE : Eclipse

**Synopsis:**

New Central Billing Engine is Deutsche Bank’s Billing System product for corporate customers. It is developed to consolidate all billing applications under one system, which acts as a one-stop shop for all billing related activities. This system is designed to be generic, robust, scalable which helps different countries to send input and receive output in their own formats with minimal configuration in NCBE system and without any change in their processing system. NCBE generates the bill based on volume based transaction i.e., number of times the product is used by the customer in a month or quarter according to billing frequency.

NCBE is a web based Java application with oracle 11g as the database. NCBE backend creates the invoice on monthly or quarterly basis based on the format requested by client. In this, Shell scripts are used to run backend processes.

**Roles and Responsibilities:**

* Involved in designing of Low Level Documents by interacting with the Functional Analyst.
* Part of an 8 member development team.
* Involved in Technical Discussion with the team.
* Performed Unit testing
* Involved in identifying and fixing the Defects at various stages of project.
* Support in database related coding.

**Project #2:**

Title : **Central Billing Systems(CBS)**

Domain : **Banking**

Client : Deutsche Bank

Environment : Java,Servlets,JSP,JSPX,Spring,Struts,Mainframes,EJB,JavaScript,CSS,HTML

Servers : Weblogic8.1&12c

Database : DB2

IDE : Eclipse

**Synopsis:**

DB Billing Systems handles the Billing Systems of Deutsche Bank in three regions Germany (CBS), Asia Pacific (RBS) and European countries other than Germany (NCBE). CBS is the Corporate Billing systems which have three major applications COUR (Charges Our), CB (Charging and Billing) and PMT(Price Matainance Tool) which are being regularly used by customers for billing purpose.

**Roles and Responsibilities:**

* Involved in designing of Low Level Documents by interacting with the Functional Analyst.
* Part of an 6 member development team.
* Involved in Technical Discussion with the team.
* Performed Unit testing
* Involved in identifying and fixing the Defects at various stages of project.
* Support in database related coding.

**Project #3:**

Title : **Global Exchange Margin (GEM)**

Domain : **Banking**

Client : Deutsche Bank

Environment : Java, Servlets,JSP, EJB, JavaScript, CSS, HTML, Jenkins

Servers : Weblogic8.1&12c

Database : Oracle

IDE : Eclipse

**Synopsis:**

Global Engine for Margin [GEM] is Deutsche Bank's Trade Margin calculation application. This system will obtain the trade information from various upstream systems. The Application will provide an interface for the users to enter the client information and collateral information. Also the users of DB would be able to check the margin and limit details along with trade information for all the clients under their purview in the GEM application. The margin details and the position of each client and their holdings would be re-calculated periodically based on new trade or rate information, thereby ensuring that the latest position is always reflected in the system. The position and trade information should be made available to the internal users and the clients by means of reports. The clients and users should also be able to access the various reports through the web-reporting interface on an ad-hoc basis. In case any client has exceeded the allowed margin or limit, the internal users and clients are given alerts, thereby reducing the risk.

**Role & Responsibilities:**

* Worked as Senior software engineer.
* Involved in Migration of GEM application from Web logic 8.1 to 12c
* Involved in Migration of GEM application from Oracle 10g to 11i
* Involved in Migrating the technologies from lower versions to latest versions(JSP 2.2,Servlet3.1,EJB3.1)
* Involved in Migration of GEM application to DAP (Deutsche Bank Application Platform) platform. While migrating, Fixed many configuration issues.
* Involved in fixing the performance issues on Java by using tools like Java profiler, Thread dump analyzer (TDA), Yslow, and firebug tools.
* Worked on Production issues.

**Project #4:**

Title **: IAP (Integrated Archive Platform)**

Domain : **Storage**

Client **:** Hewlett - Packard

Environment **:** Java, Multi-threading,RMI, Struts, Hibernate, JMX API, Apache Lucene, Servlets,

JSP, JavaScript,CSS, HTML, Perl/Shell scripts, Ejb,Exchange Servers, LDAP

Serverenvironment, AD environment, IBM Dominoenvironment,Maxware tools

for Dynamic AccountSynchronization,Linux platform.

Servers **:** JBoss 4.0.3SP1&4.2.3, Apache HTTP server and Apache Tomcat 5.5

Database **:** DB2, MySql, Postgres SQL.

IDE **:** Eclipse3.4.

**Synopsis:**

HP Integrated Archive Platform (new name for HP Reference Information storage System, or RISS) provides long-term retention and high-speed search and retrieval of your information. This Product mainly contains 4 modules.1) Core 2) API 3) System Infrastructure

4) System Engineering.

Converging HP server and grid storage technology, native content indexing, search, and policy management software onto a single, factory-assembled rack system. HP IAP sets standards for archiving scalability, flexibility and performance.Developed for smaller to larger global enterprise

and remote branch office deployments.HP IAP is the foundation for rapidly evolving compliance and archiving strategies and mitigates risks associated with information management.

IAP is one of the industry's most scalable based enterprise platform designed for large scale data ingestion along with high-speed search and retrieval.

The IAP provides access control, full-text indexing, legal hold, managed retention, and defensible disposition of archived info for e-Discovery early case assessment, audit response, and regulatory compliance.

HP Integrated Archive Platform also helps you:

Besides helping organizations build a cost-effective e-discovery platform to avoid court fines, legal fees, and lawsuit settlements associated with non-compliance.

\* Increase e-mail, file, and applications server’s performance.

\* Defer capital expenditures on new primary storage systems.

\* Reduce size of data backup and recovery by accelerating both functions in the process.

IAP Supported documents:

a. Emails of Microsoft Exchange Stream both TNEF and Non TNEF MIME supported,

b. Emails of IBM Domino Stream,

c. Files of type Windows (usually office documents).

IAP Connectors:

IAP works with three different connectors and also allows writing client own connectors.

a. EaSE (Enterprise Archiving Solution For Microsoft Exchange),

b. EaSD (Enterprise Archiving Solution For Domino IBM),

c. FMA (File Migration Agent Server) For Archiving Windows Documents.

Documents will be stored on special devices called Smartcellsthese are intelligent cells over which the following core components will be running,

a. Archiving and Indexing,

b. Query framework and search,

c. Text extraction,

d. Quarantine,

e. Retention,

f.Data Replication.

**Role & Responsibilities:**

* Worked as CPE (Continues Product Engineering) engineer.
* Proficient in using RHEL and modifying the scripts on the go for improving the performance.
* Involved in handling support related issues.
* Fixed bugs on different versions of the product.
* Fixed Performance related issues on various versions of the Product.
* Worked directly with Clients to resolve application related issues.
* Fixed many defects (>150) which identified in production environment as well as in QA cycles.
* Modified Junit Test Cases for Fixed bugs.
* Improved and established existing process by working with QA and NPI that resulted in productivity gain and product improvement.
* Worked for enhancement requests from the customers.
* Worked as a primary resource for API, System Infrastructure modules in the product.
* Fixed issues on indexing and text extraction modules as well.
* Improved the lab set up for CPE by **virtualizing** the environment for CPE by making use of VMware and modifying the test scenario for CPE.
* Involved in Patch Building Process.
* Involved in setting up the Patch Frame work.
* Played Scrum roles.

**Project #5:**

Title : **Managing & Monitoring Systems**

Client :Hewlett-Packard

Role : Team Member

Environment : JMX,JAXB,JAXP,RMI,XmlParsing,Hibernate,Oracle,WebServices,

HTML,Javascript,CSS,Ajax,AntScript,Struts,FusionCharts,JAAS,

EJB,Eclipse,Hudsontool,Tomcat Server.

Synopsis:

The main objective of this project is to manage the Webservers,Applications and Users effectively and efficiently.This product mainly focus on JVMs monitoring and management. This is very useful for Intra networks.This Project is divided into six modules.They are Agent,Controller,ControllerWeb,GUI,GUIAdministration,GUI General Data Section.

Agent is a core component deployed on to the servers which gets management level information of all the JVMs that are running on that server. Controller is a centralized component responsible for interacting with the multiple components of the product and connects multiple Agents running on different servers and maintain centralized collection of information from different agents. Controller Web is a component which acts as an adaptor between Controller and the GUI and responds to the GUI request via REST based web services.ControllerWebinteracts with the controller to process the requests through RMI.GUI is web based User interface that represents the data/statistics collected by agent in a user-friendly graphical representation.

Responsibilities:

* Developed the user interface screens for presentation logic using HTML and Jsp.
* Participated in server side validation.
* Involved in the development of the Action classes and Action Forms based on the Struts frame work to handle the page.
* Involved in writing the code between Agent-Controller communication.
* Developed Hibernate code in Controller module.
* Involved in Agent module to get information about the JVM’s Mbeans.