# http://kausalmalladi.netai.net/SCJP%20Logo.jpghttp://piotrnowicki.com/website/wp-content/media/2012/01/OCE_JavaEE6WebCompDev_clr.gifRACHIT SHAH

# Summary

* Over 7 Years of Experience in Software Analysis, Design, Development and Maintenance of Web applications, Client/Server systems, enterprise business components and Oracle Databases
* Intensive and thorough education in Software Engineering and Application development using Java EE and Databases during Masters of Computer Science from Texas University
* Experience leading small development team in the capacity of technical lead for couple of projects
* Experience of acting as the principal designer for major systems and their subsystems utilizing a thorough understanding of available technology, tools and existing designs
* Experience of providing comprehensive consultation to business unit and IT management at the highest technical level on all phases of application programming and processes for diverse development platforms, computing environments (e.g., host based, distributed systems, client server, software, hardware, technologies and tools, etc.)
* Experience of working closely with client and IT management to identify application development solutions, new or modified programs, and reuse of existing code through the use of program development software alternatives, or integration of purchased solutions or a combination of the available alternatives
* Experience of researching and evaluating alternative solutions and recommending the most efficient and cost effective application programming solution
* Experience of coding new or modified programs, reusing existing code through the use of program development software alternatives and/or integrates purchased solutions
* Experience of documenting, testing, implementing and providing on-going support for the applications
* Experience in building Enterprise Web applications using Java EE Technologies, Web Sphere 6/7
* Expertise on Oracle development tool set like PL/SQL developer, TOAD, SQL Plus
* Worked on different development tools like Websphere Studio Application Developer (WSAD), Rational Application Developer (RAD), Eclipse, NetBeans, JDeveloper
* Experience in developing unit test cases using JUnit
* Very Good Working knowledge in Creating Stored Procedures and functions to be used in oracle and Java applications
* Involved in all phases of Software Development Life Cycle (SDLC) for web based applications
* Experience in SDLC, Agile (SCRUM) Methodology, Waterfall and OOAD
* Excellent communication, interpersonal, analytical skills and strong ability to perform as part of a team
* Experience in using various data sources like Oracle, SQL Server
* Got excellent feedback and awards from employers (Quarterly Champion at current position)

**Technical Skills**

* **Java EE**: Servlet, JSP, EL, JSTL, JSF, Facelets, EJB 2.x/3.x, JPA, CDI, JMS, JTA, JAXP, JAXB, DOM, SAX, StAX, XSLT, JDBC, JCA, JavaMail
* **Frameworks**: Struts, Spring, Hibernate, Richfaces, JQuery, Apache POI, Log4J, Slf4J
* **Tools**: RAD, Eclipse, Netbeans, JDeveloper, TOAD, SQL-Plus, CVS, MS Project, Rational Rose

**Certifications**

* Oracle Certified Expert, Java EE 6 Web Component Developer (OCE-WCD) Dec 2012
* Oracle Certified Professional, Java SE 6 Programmer (OCP-JP) Feb 2011
* Oracle Certified Associate, PL/SQL Developer (OCA-PLSQL Developer) Mar 2006

**Professional Experience**

**CIGNA Inc.**, Wilmington, DE **Nov 2010 - Present**

**CIGNA Inc.,** Wilmington, DE (Contract via Strategic Staffing Soln.)  **Sep 2010 - Nov 2010**

**Project**: Multiple Projects and Applications

**Role**: Applications Development Specialist

**Description**: Cigna is one of the top five insurance companies in USA and globally. The position required enhancing and extending multiple applications and working on multiple projects.

**Responsibilities:**

**Diamond Addon - Java EE Application Enhancements**

* Worked on EJB 2.x, Servlets, JSP and JQuery
* Added dynamic restrictions on payment to sanctioned countries to Addon front end Payment module using configuration on the Oracle Database backend tables
* Enhanced Application to populate District/Province or State populated based on country selection using AJAX JQuery asynchronous call
* Currently exploring and assessing Spring, Hibernate, Struts, JPA/EJB 3 to migrate Addon application

**Claim Hold At Real-Time (CHART) New Java EE Application from Scratch**

* Designed CHART application to eliminate Cognos reports and manual work
* Integrated CHART with Addon Module to use Addon authentication and web portal
* Enhanced performance by using client side filtering and sorting capabilities
* Leveraged the JQuery DataTables framework to process 25k order of records on client side
* Designed materialized view in production database to reduce overall performance

**Members Online Enrollment (MOLE) – Java EE Application Enhancement**

* Reverse engineered the integration of the application and setup in RAD on local machine without using external authentication through bypassing the authentication
* Configured xml files to set up a new client for MOLE application

**Batch Java Email Processes using Java Mail API**

* Created Microsoft Word documents and PDFs on the fly using Lowagie iText library
* Queried email addresses based on business logic using JDBC to connect to database
* Created emails based on templates chosen on the fly based on business logic
* Used encryption/decryption based on JCA using DESEDE encryption scheme
* Used Java Mail API to compose message with multiple mime body-parts with multiple attachments
* Used Logger to log the email processing

**Java Processes as Interfaces for Daily Web updates/Transactions**

* Created Java process to process daily updates on member website and update Primary Mailing Address or ID Card Address and issue ID Cards over night
* Created separate Java process to email new members a welcome email
* Used JAXP DOM parser to parse the XML files
* Used JDBC to connect to multiple databases, run Oracle packages and update status using SQL queries based on record updates

**HIPAA Project**

* Developed interfaces that sends control data and claim processing updates as well as status to the CIGNA gateway as part of Government mandate/regulation

**ICD 10 Project and EOB redesign Project in the capacity of Technical Lead**

* Led the project in the capacity of technical lead and designed the solution for the project
* Led the team of two PLSQL and Java J2EE developers
* Interacted with the business frequently for requirement gathering and BSA team for business analysis and impact to the down-stream systems
* Prepared Design document and Technical specification
* Led a developer as a Technical lead for Explanation of Benefits redesign project

**Diamond 24x7 Project**

* Reverse engineered Diamond Application by DELL Inc. (formerly Parrot Inc.)
* Enhanced system packages to allow 24 hours records processing without system downtime
* Designed and implemented the solution with existing database schema with minimal schema changes

**Timely Filing Project as Individual Project as Developer/Tech Lead**

* Developed, tested and successfully implemented the project within very short timeline (one month)
* Got excellent feedback and CGHB champion award for this project
* Per month saving of half million USD on average since implementation (**Quarterly Champion Award**)
* Reverse Engineered the Diamond application and modified core packages, updated appropriate data and configuration to implement this project within couple of months

**Diamond Product Enhancements**

* Update bank addresses using interface from Bank of America using flat file as input
* Modified Accounts receivable cycle to run as batch
* Tuned Diamond product to reduce the accounts payable cycle by three hours

**Environment**: Java 1.4/1.5, J2EE 1.4/1.5, Struts 2, Hibernate 3, JPA 2, Spring 3, JDBC, JSP, Servlets, Struts 1.2, EJB 2.0, LDAP, JavaScript, JNDI, Oracle 10g Database Server, RAD 6.0, AJAX, JQuery, LOG4J, OOAD, HTML, DHTML, CSS, DOM, Websphere Application server 6.0, UNIX, IBM AIX, Shell Scripting, Bash Shell, Korn Shell

**Etek Systems, Houston, TX Feb 2010 – Jun 2010**

**Project:** Web PortalDevelopment

**Role:** Programmer Analyst Trainee - Internship

**Description:** Etek is Houston based consulting firm. The focus of the firm is on enterprise portal and content management.

**Responsibilities**:

* Developed Web Portal using Java, PLSQL and Unix

**Environment**: J2EE (JSP, Servlets, JSF), HTML, Flex, Oracle, UNIX, RAD, JProbe, Weblogic, JUnit, Crystal Reports, CVS.

**Oracle Corporation**, Hyderabad, India **Aug 2006–Aug 2007**

**Oracle Apps Module:** OracleE-Biz Suite 10g and 11g Supply Chain Management Module

**Role:** Application Developer

**Description:** Oracle is a world leader in Databases and ERP Suite Oracle Apps. I worked for Supply Chain Management Module. The aim of the project was to enhance and extend E-Biz suite, SCM module and port it to 12g product stack.

**Responsibilities:**

* Owned the Supply chain management module with a team of four members
* Developed Oracle Diagnostic Framework (ODF) based on Java EE for E Business Suite 11g using servlets, JSP, JDBC for Oracle Diagnostics Framework as an individual project
* Delivered Diagnostics patches for Supply Change Management module based on ODF
* Developed new features for Oracle Apps SCM module 11g and back ported to Oracle Apps 10g
* Interacted with clients all over the world for requirement gathering
* Managed support issues for current version (10g) of the product module (SCM module) at client side
* Use oracle proprietary versioning (arcs system) based on Linux
* Used Oracle Forms, Reports, PLSQL packages on daily basis for SCM module enhancements
* Used TOAD for SQL queries and Unix Shell script for deploying patches

**Environment**: Java – J2EE Environment, Servlets, JSP, JDBC, XML, HTML, JavaScript, JDBC, MVC Architecture, Weblogic Server, packages, triggers, cursors, SQL, PL/SQL, Oracle 9i/Oracle 10g

**British Telecom (Tata Consultancy Services)**, Hyderabad, India **Aug 2005 – Aug 2006**

**Project**: BT-Niku Project based on PeopleSoft and Clarity (by CA) the ERP Product

**Role**: Software Engineer

**Description**: Clarity is a web based Project & Portfolio Management Application from CA, implemented by the GS (Global Services), one of the Line of Business of client British Telecom. The Intent of this project is to customize/enhance the Project management, Resource Management, Time Recording Components of the Clarity Application. The Global Services used legacy application written in PeopleSoft that was phased out to Clarity. The project scope also covered interfaces between Clarity and PeopleSoft.

**Responsibilities**:

* Prepared HLD, LLD and Unit Test Cases and interacted with client for requirement understanding
* Used Unix Shell Scripting and cron jobs for writing interfaces
* Maintained Quality procedures related to the project
* Designed ERIN Outbound Projects Allocations Interface and disabled EORG Interface for GS resources
* Developed Manager’s Time Portlet, Supply Work Queue Portlet
* Designed Technical Specification with the inputs from the Functional Specification UML, includes Use case, Class, Sequence, Deployment diagrams.
* Involved in design High Level Design and Low Level Design for Clarity Modules
* Developed SQL, PLSQL with Stored Procedures to interact with Persistent database using Oracle 8i
* Developed JUnit test framework and executed unit test cases by using JUNIT.
* Developed the code environment using IDE as Eclipse3.2 and deployed into JBoss Application Server

**Environment**: Clarity Product, Oracle 8i, SQL, PLSQL, TOAD, PL/SQL Developer, IBM AIX, Bash Shell, Unix cron Jobs, Eclipse, Java, J2EE, JSP, Servlets, HTML, JavaScript, XML

**Nova-Softwares Pvt. Ltd,** Bharuch, India **Jan 2003–Jul 2005**

**Project: Web based Sales Order Management System**

**Role: Software Developer (Jun 03 – Jul 05)/Student Intern (Jan 03-Jun 03)**

**Description**: Nova-Softwares is an ERP/MIS product vendor and implementation specialist in the GIDC, Bharuch. The Web based sales order management system project aims to develope and integrate a new module to the ERP/MIS suite. This module implements inventory management, sales order tracking, accounting, shipment tracking and sales reports as major features.

**Responsibilities:**

* Involved in the creation of Class Diagrams, Sequence Diagrams for analysis and design of the application
* Defined and constructed layers, server-side objects and client-side interfaces based on design patterns
* Involved in complete software development cycle starting from requirement analysis, documenting analysis and design with class association diagrams using UML
* Developed server side programming using Servlets, JSPs with custom tags and was involved in their integration into the system
* Connected to the oracle database using JDBC
* Involved in designing the UML diagrams
* Involved in calling stored SQL stored procedures for validations and in writing complex SQL queries
* Implemented Log4J for logging messages
* Involved in using Rational CVS version control system for check-in and check-out the code
* Was involved in deployment of the application on BEA Weblogic Application Server
* Involved in reviewing code developed by team members
* Designed and implemented client side validations using JavaScript
* Designed Data Model and Database for the solution
* Designed The basic framework based on the MVC architecture using servlet as controller, JSP as view and Model based on JDBC DAO for all core functionalities
* Designed and developed dynamic web pages using Java Server Pages (JSP) technology
* Utilized plain JDBC for interacting with backend Oracle database
* Written queries in SQL and database programming in PL/SQL
* Created the message resource file to display application information and error messages
* Responsible for writing the unit test cases and executing them
* Deployed J2EE solutions to BEA Weblogic server
* Used Class.forName to load class, DriverManager to get connection based on url and oracle userid/password (used ojdbc12.jar or classes12.zip)
* Created statement using Connection, created ResultSet based on query executed using statement
* Used prepared Statement, callable statements and regular statements

**Environment**: SQL, PLSQL, JSP, HTML, CSS, XML, Java Script, NetBeans 3.4, BEA Weblogic server 7, Oracle Database Server, Windows 2000 Server

**Educational Qualifications**

* Master of Science in Computer Science, University of Texas at Arlington Feb 2010
* Bachelor of Eng. in Information Technology, SVIT Jun 2003