# Summary

* **7+ Years** of hands on experience in architecture, design, development and testing of various software applications using **Java, J2EE** and **C/C++**
* Excellent expertise in developing **Distributed** **Enterprise Software Application** components using **object oriented design patterns** and methodologies
* Strong experience in full **Software Development Life Cycle (SDLC)** analysis, design, development, testing, maintenance and support of large mission critical data-driven systems
* Excellent expertise in **RDBMS** such as **Oracle, MySQL** and **Sybase** and developing database logic and writing complex efficient queries
* Experience in **JPA** and **Hibernate** O/R mapping tool
* Extensive experience in developing applications using **Java, J2EE(JDBC, Servlets, JSP, Struts MVC, EJB, Spring, Guice, Jersey, Json, XML, HTML, JavaScript, CSS** an**d AJAX**
* Experience in developing **web services** using **SOAP** and **REST**
* Experience in designing UML **Use Cases, Class Diagrams** and **Interaction Diagrams**
* Hands on experience with application servers like **Apache Tomcat 5.0-7.1, Jetty, IBM Web Sphere**, **WebLogic**, **JBOSS**
* Experience in using various **Source/Configuration Management Tools** such as **Git**, **Perforce, Rational Clear Case, SVN, CVS**
* xperience in using design patterns and UI frameworks such as **MVC, Struts, Hibernate, NodeJS, Spring.**
* Experience of development in different platforms like **Windows XP/Vista/2007, Mac, Unix, Linux**
* Strong **analytical skills** and ability to quickly comprehend complex requirements and evaluate designs
* Strong **coding and debugging skills** and **diagnostic ability** to go to the core of the problem

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| Programming/Scripting Languages | JDK 1.2,1.3,1.4,1.5,1.6, VB 6.0/.Net, C, C++, Python, Shell Script, JavaScript, Objective C, HTML 4.0, SQL & PL/SQL, XML |
| Server Scripting | JSP1.2,2.1 |
| Platforms | Windows 2000, XP, Vista, 2000 & 2003 Server, HP-UX, Sun Solaris, Mac OS X, Linux Redhat Enterprise Server 5.0. |
| Version Control | Git, Perforce , Rational ClearCase, Tortoise SVN, SVN command line, CVS |
| Databases | Oracle 9i,10g, 11g,, MySQL 4.1,5.0, SQL Server 2000, 2005, 2008 |
| Database Tools | Connect/J for MySQL, Oracle JDBC driver, DB2Connect |
| ORM Frameworks | Hibernate 3.0, 3.6.3, 4.1.7 |
| J2EE MVC Frameworks | Guice ServletContext, , Spring 2.5 MVC, Spring 3.0, Struts 1.1,1.2, Struts 2.1, JSF 1.2 |
| IDE’s | Eclipse, Spring Tool Suite, NetBeans 5.0, 6.5, RAD, IntelliJ IDEA, Visual Studio 6.0, 2008, 2010, XCode 3.0, 4.0 |
| GUI | AWT, Swing |
| Webservice Specifications | Json-RPC, JAX-RPC. JAX-RS(Restful), JAX-WS |
| Webservice Implementations | Jersey, Axis 1.0,2.0. Spring MVC |
| UML Tools | MS Visio 2000, 2003, 2007, Rational |
| White box Testing | JUnit 4.1, TestNG |
| Javascript Frameworks | AngularJS, , Jquery, Node.js, GWT, Dojo, DWR |
| Build Tools | ANT 1.4,1.5,1.6,Maven |
| Methodologies | Agile, SCRUM, Test Driven Development |
| Messaging Technologies | JMS, AQMP with RabbitMQ, IBM MQ |
| Application Servers | Tomcat 5.5-7.1, Web logic 9.1/8.x, WebSphere7.x/ 6.2, JBOSS |
| Software | MS Office 2000, 2003, 2007, 2010 |
| Logging Tools | Log4j, Logback |

# Work Experience

**Rambus Inc, San Francisco CA April -2013 - Present**

**Role: Sr. Java/J2EE Developer**

The project being conducted at Cryptography Research Center (a division of Rambus Inc.) addresses delivery of various secure assets to remote Fab Industries. The assets are used in enabling mass production of System-On-Chip, which in turn provides highly configurable domain-specific functionalities in various electronic equipments.

* As part of the infrastructure team, participated in extended SDLC process (Requirement Analysis, Design, Design Review, Development, Testing, Code Review and Continuous Integration)
* Wrote Technical Design Documents for both High Level and Low Level Design
* Developed features using various technologies, participated in prototypes and evaluation of emergent or unknown technologies
* Created design for secure communication between remote clusters separated by untrusted network, incorporated various synchronous and asynchronous algorithms for connection protocols, load distribution and preemptive and non-preemptive load balancing
* Developed common components for Asynchronous Communication with Json RPC protocol using Guice, Jersey and Jackson Json libraries.
* Extensively used Object-Relational Mapping and wrote queries using HQL and Java Persistence Query Language
* Used the Hibernate-Envers package for Auditing Database History, and generate on-Demand Audit Trails
* Performed Database Migration from MySQL to Oracle
* Developed Restful Web Services using Guice as the Servlet Context/DI engine and Jersey as the WebService provider
* Wrote SSL hooks in Jetty AppServer for secure authentication
* Participated in GUI development, starting from business-reviewed wireframes and development of HTML screens to integration with back-end data center using Angular JS and Restful Web Services
* Developed deployment packages and diagnostic tools on target platforms, wrote scripts for generating RPM packages for Linux deployments
* Developed a Rule Engine in Java for filtering consumer generated events and making a decision on which group of users need to be notified and seamlessly maintain and escalate
* Wrote common components for seamless unit testing applicable to generalized environments, including dependency injection, data source configuration etc.
* Used Oracle JCE libraries for generating Message Digests
* Used Perforce and Git for Source Code Management
* Participated in the Scrum process with quick and agile turnaround times, iterative backlog grooming, demos and retrospections

**Technologies and Environment:** JDK 1.7, Red Hat Linux, CentOS, Shell Scripting, HTML5, AngularJS, Guice, Jersey, Jackson, Hibernate 4.1.7, Oracle 11g, MySQL, Ant, Maven, Apache Tomcat 7, Jetty, Perforce, Git

**Amegy Bank, Dallas TX Dec 2011 – March 2013**

**Role: Sr. Java/J2EE developer**

Amegy Bank provides funds or loans to people with small business requirements. Applicants get their loans sanctioned based on their credit history. The applicant information is maintained in a database along with the details of the loan for repayment. This data is filtered into different categories based on parameters like type of account, loan amount, due date. The filtered data is used for statistics for generating reports.

* Involved in **Analysis** of **Customer Specifications, Development** & **Customization** of the Application
* Created a rich front-end browser GUI by using **GWT** and **CSS**
* Implemented the application using **Spring MVC Framework** by implementing **Controller** and **Service** beans
* Used **GWT-RPC** to communicate with the spring controller and configured the **dispatchServlet** to respond to GWT requests
* Extensively used **XML, DOM Parser, SAX Parser**, **and Schema/DTD** in the server side components of this project
* Created configuration files for **Spring** **Application Frameworks** **IOC** container
* Implemented features like logging, user session validation using **Spring-AOP** module
* Using **MySQL** database for **PL/SQL** stored procedures, Views and functions.
* Involved in **Issue Tracking and Fixing** of various modules and **Production support**
* Involved in integration with Webmethods for using **JAX-RPC** Webservices with **WebSphere**
* Created some **Perl and Shell scripts** for **migration effort**
* Wrote project build-script by using **Maven**
* Designed and modify the **Use Cases and functional specification documents** of the Hilton Project using **UML, Rational Rose**
* Prepared technical **reports** and **documentation manuals** during the program implementation
* Used **ClearCase** extensively for Source Code Management

**Technology and Environment:** GWT, AJAX, DWR, Java, JSP, SOAP, Spring, IBM Websphere Application Server, IBM RAD 7.5 IDE, MySQL, SQL/PLSQL, Unix Shell Scripting, Perl Scripting, Maven, Rational Rose, Rational ClearCase

**CNA, Chicago, IL Oct 2009 – Nov 2011**

**Role: J2EE Developer**

**Risk Management Accounts** CNA is an insurance organization offering a broad range of insurance products and insurance-related services. CNA provides insurance protection to more than 1 million businesses and professionals in the U.S. and internationally. This project provides insurance to small businesses in an unpredictable business environment. Project offers online insurance quote forms to customers. This Project helps registered customers to buy insurance online. It allows customers to check policy information, direct bill status, and also to report a claim online. It also manages shipping information, shopping sessions for various optional coverage endorsement, views of products and services up for sale. The complete system was divided into two modules, a website that manages customer login details and an order management system that fulfills purchase order.

* Involved in gathering of System Requirements and developing a conceptual design
* Implemented MVC pattern using **Apache Struts**
* Developed a web-based reporting system with **DAO** and Apache Struts-Validator using Struts framework
* **Struts Framework** components such as Action Forms, Action Servlets, Action Mappings, Action Errors, and Apache Tiles are used extensively
* Developed **JSP**’s using Custom Actions, Java Beans and Servlets
* Developed and Deployed the **EJB** components in **JBOSS** application server
* Implemented persistence layer using **Hibernate** **ORM** framework.
* Created **XML** mapping files for configuration of Hibernate
* Written Queries in **HQL** and **Criteria API** for retrieving data from the database
* Provided online production support for the customers as well as other teams interacting with the system
* Used **CVS** for version control

**Technology and Environment:** JAVA 5.0, J2EE 5.0, JSP 2.0, Struts 2.0, EJB 3.0, JNDI, JavaScript, HTML, MySQL, XML, JAXP 2.0, JBOSS 4.3, Hibernate 3.6, CVS

**Pacific Global Bank, Chicago, IL Nov 2008 – Sep 2009**

**Role: Java/J2EE Developer**

The project addressed financial services and products including retail banking, business, capital markets and corporate e-banking, mobile banking and web based cash management of universal banks worldwide. Front end includes web pages such as login, user profiles, user accounts, bill payment, viewing transactions.

* Participated in **Analysis, Design** and **preparation** of **Functional specifications**
* Documented **Low-level design (LLD)** and **High-level design (HLD)**
* Followed **Agile methodology** and **Scrum** process for implementing the project
* Developed web pages in the front end using **JSP, JavaScript, AJAX, JQuery, HTML** and **CSS** to display the affect of Corporate Actions on the positions from various source systems
* Performed **Code Review** to ensure Organization and Project level standards are met and checked for redundant code
* Implemented different levels of logging using **Log4j**
* Prepared Unit Test Cases with **JUnit**
* Performed **Unit Testing** and **Automated** **System Integration Testing**(using **Ant**)

**Technology and Environment:** Core Java, SOAP, Web Services, JSP, JavaScript, XML, AJAX, JQuery, Subversion (SVN), JUnit, ANT

**NetEdge Hyderabad, India June 2007 – Oct 2008**

**Software Developer**

**Description:** Designed and developed an Online shopping by implementing Server side java framework, know as Jakarta struts project or simply struts.  This Application is meant to shop the products online having mainly two modules, user and Administrator. Every user has provided user id and password while registering to the site and provided with respective shopping cart in which they can choose the products and checkout. Then their credit card details and billing address and shipping address are requested and the purchased order is confirmed. Again the Administrator will have his own login screen and has right to modify the users and the products as adding, deleting, or modify the users and the product.

* Developed **MVC** based web application using **Struts** framework, **Servlets** and **JSP**.
* Involved in developing **JSP, Servlets** and custom **JSP** tags for Presentation Layer.
* Maintained Session Tracking between the **JSP** Web Pages and **Servlets**.
* Oracle Database access was implemented through **JDBC** at server end.
* Maintained **Java Script** validations to avoid junk data. Developed Web Pages using Flash.
* Developed Component Diagrams, Class Level Diagrams using UML.
* Developed field level & screen level documentation.
* Involved in the creation of jar files during the deployment of the Application Server.
* Used Eclipse for development IDE, JIRA for defect tracking and **Perforce**  for version control.

**Technology and Environment:** JDK1.4, JDBC, Servlets, JSP 1.2, Struts 1.0, Eclipse, Oracle 8i, Apache Tomcat 5.0, Perforce

# Education