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**Professional Summary**

* **7 years** of experience in design, analysis, development and testing of web/enterprise based and client/server applications & extensive relational database based applications.
* Extensive experience inthe **design**and **development**of**RESTful**and **SOAP** web service and service clients.
* Experience of**J2EE** applications using **Core Java, Java collection, JDBC, Servlets, JSP, Enterprise Java Beans, XML, Struts, JQuery.**
* Experience in various**Agile** methodologies like **Test Driven Development**, **SCRUM**, and **Pair Programming**.
* Expertise in various open source frameworks like **Struts2.0/1.2,Spring3.2**,and **ORM**Technology like **Hibernate.**
* Experience working with **XML and JSON data.**
* Expert in using J2EE complaint application servers like IBM Web Sphere, Apache Tomcat, Apache HTTP serverand **Ensemble ESB**.
* Designing, developing, and implementing complex integration for end-to-end solutions at a business logic level using JBoss**SOA** components.
* Expertise working with standard JAVA **Design Patterns** (Singleton, Front Controller, DAO, DTO, MVC and Business Delegate).
* Strong experience in RDBMS uses**MS SQL Server,** schema development, **PL-SQL** programming**,** including experience in **Oracle fine tuning**, utilizing **SQL Loader** utility **MySQL**& MySQL replication setup.
* Expertise in Web-Development technologies like **HTML, DHTML, JavaScript, CSS, XML** and **XSL/XSLT** and **AJAX.**
* Extensive development experience in different IDE’s like **Eclipse, My Eclipse, NetBeans** and **RAD.**
* Experience in using **DOM** and **SAX** parsers to process, validate, parse and extract data from **XML** files.
* Hands on experience in **UML Modeling**, Rational Rose and Design Pattern (J2EE) like Singleton Factory Method, Facade, Front Controller, Delegate Pattern, MVC Architecture.
* Experienced in generating logging with **Log4j** to identify the errors in a production test environment and experienced in **Ant Tool.**
* Involved in **Unit Test Case's** writing and having good knowledge in **JUnit.**
* Experience in developing test cases and test plans besides involving in Unit testing, Integration testing and User Acceptance testing extensively.
* Team Player, quick learner and self-starter with effective communication, motivation and organizational skills combined with attention to detail and business process improvements.
* Proven ability to analyze problems, root cause and develop innovative solutions to business challenges and streamlining operations.

**Technical Skills:**

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| **Web Technologies** | J2EE, JSP, Servlet, Web Services (RESTful/SOAP), JDBC 2.1/3.0, MVC, JSTL, DOM, CSS. |
| **Java Frameworks** | Spring, JSF 1.x/2.x, Hibernate 2/3.1, Apache CXF, Apache http components,Struts 1.x/2.x, EJB 2.x/3.x. |
| **IDE / Tools** | Eclipse, Net Beans,MyEclipseIntelliJ, RAD, Toad and FTP clients |
| **API** | Java Collections, Threads, Generics, RMI, JavaBeans, JDBC, JNDI |
| **Languages** | Java 1.5/1.6/1.7, C#, HQL, SQL |
| **Markup/Script languages** | HTML, JavaScript, XML and Ajax |
| **Application Servers** | Apache Tomcat 6 / 7,Apache HTTP server, IBM Web sphere, BEA Web logic Server, JBoss. |
| **Design Patterns** | Session Façade, Singleton, DAO, DTO, Front Controller, Service Locator, Business Delegate. |
| **Databases** | Oracle 9i/10g, MS SQL Server 2000/2005/2008, MySQL, DB2 |
| **Operating System** | Windows 2000/NT/7/8/ 2008 RT, Linux and UNIX |
| **Methodologies** | Agile, SCRUM, TDD, Waterfall. |
| **Repositories** | Maven, ClearCase, Git, Perforce, SVN and Harvest. |
| **Others** | JSON, ANT, Rational Rose, UMLet, Log4J, JUnit, Microsoft Team Foundation Server (TFS), JQuery, Memcached, EhCache ,ElasticSearch, Kibana,InterSystems Ensemble ESB. |

**Professional Experience:**

**3M Health Information Systems, Silver Spring MD Oct’13 – Present**

**Current location: Silver Spring MD**

**Project: TLO - Middleware**

**Role: Senior Java Developer**

TLO-Middleweare team is responsible for designing and developing web services, security tools for web servers, logging agent and components for the Middleware. Middleware component provides helper APIs to use in web applications, web services and service, clients developed by other development teams.

**Responsibilities:**

* Involved in **Design**, **Development** and **Quality Assurance** phases the components.
* **Documented** the design, development, enhancements and user instructions for the components.
* Followed**AGILE**as the development methodology with 3 weeks **Sprint**. Involved in **SCRUM** meetings.
* Designed and developed **RESTful** services for security token generation.
* Developed **JSON** and **XML** parsing APIs for the Middleware and LogAgent components.
* Developed helper APIs for **RESTFul/SOAP** clients.
* Developed a **Security Token Service (STS)** client using **Apache CXF** framework that can be used by the other development teams to request **SAML** tokens from a centralized STS.
* Enhanced the Middleware component to support **Single Sign-On (SSO)** capabilities with STS.
* Maintained the ESB (an **InterSytem’s Ensemble** instance) in the development environment.
* Developed a **Message Security Module** for security token **(SAML)** validation of the incoming http traffic for **Tomcat** server.
* Implemented a **Mutual Authentication** mechanism into Middleware component for service calls.
* Design and implemented a proxy web application using **Spring MVC**.
* Implemented LogAgent library to capture debug and runtime log information from web services and web clients.
* Integrated LogAgent with **ElasticSearch** to store log information.
* Design and developed a stand-alone watchdog service (Windows service and Linux daemon) to integrate **ElasticSearch** and **Zabbix** for monitoring and alerting purposes.
* Created the **test cases** for testing the functionalities.
* Used **Maven** repository for some components.
* Used **ANT** as a build tool.
* Used **Microsoft Team Foundation Server (TFS)** for source control.

**Environment:**

JDK 1.6, JDK 1.7 Apache CXF, Apache HTTP components, Apache Tomcat 6 and Tomcat 7, Spring MVC, Spring Security,Apache HTTP server, RESTful, SOAP, SOA, WSDL, Ensemble, ElasticSearch, Kibana, Zabbix, HTML, Bouncy Castle, WSS4J, SSLv3, X509, SAML, SSO, TSLv1 TLSv1.2, JSoup, Gson, EhCache, Memcached, Log4j, Jackson, Servlets, XML, JSON, JavaScript, Maven, Ant, TFS

**WALMARTLABS, San Bruno, CA Jan’12 – Sep’13**

**Project: Consumer Genome (Services)**

**Role: Senior Java Developer**

**UCID (Universal Customer Identifier)**is a team where we developed RESTFUL web services to express credit card numbers in a single common format rather using different formats like Xref and Gindex which were used by Walmart U.S. properties and Walmart.com, so that we can track, analyze, and understand customer behavior across brands and channels.

**Responsibilities:**

* Involved in Design, Development and Support phases of **Software Development Life Cycle (SDLC)**.
* Designed **UML** Diagrams like Class Diagrams, Sequence Diagrams and Activity Diagrams.
* Developed **UI pages** with **JSF** framework and **HTML**.
* Designed and documented **REST**/HTTP APIs, including **JSON** data formats and API versioning strategy.
* Framework leverages **JSF** features like **Event handling, Validation mechanisms**, and **state management.**
* Developed **storedprocedures** to pull necessary data according to business requirements. This data have been used for generating reports.
* Developed **PERL** scripts for deleting all the files those are part of previous test run and also for ftping files from one environment to another.
* Used **SAX**, **DOM** API to parse xml files
* Developed the entire application implementing **MVC Architecture** integrating JSF with Hibernate and **spring** frameworks.
* Created configuration files for spring, Hibernate and JSF navigation.
* Used **Hibernate**, object/relational-mapping (ORM) solution techniques of mapping data representation from MVC model to Sybase Relational data model with **MS SQL**-based schema.
* Developed **Web Services** for data transfer using **Apache Axis**, SOAP, WSDL, and UDDI.
* **AGILE** methodology was followed.
* Deployed the application on **WebLogic Application Server**.
* Used **JUnit** framework for unit testing of application and **Log4j** to capture the log that includes runtime exceptions.
* Used **ANT** as a build tool.
* Used **StarTeam** version control for implementing the application.
* Involved in the **production support** of the application

**Environment:**

JDK 1.5, Spring Core,Spring Transactions, WebLogic, JSF, Servlets,**MULE**, XML, Apache Axis, SOAP, WSDL, SAX, DOM, JavaScript, Rational Rose, UML, HTML, Log4J, JUnit, DB Unit, Ant, PERL, StarTeam.

**State Farm Insurance, Bloomington, IL Sep’10 – Dec’11**

**Sr. Java/J2EE Developer**

State Farm is one of the largest insurance companies in the world, focusing on casualty insurance, life insurance and Automobile insurance. There are applications in the project that enable to view the services offered by this company online. The primary users of this application are Insurance policy owners, agents and customer service representatives

**Responsibilities:**

* Identified the Business requirements of the project.
* Involved in preparing System Requirements for the project.
* Involved in preparing the Detailed Design document for the project
* Extensively used MVC, Factory, Delegate and Singleton design patterns.
* Used **Spring FrameworkAOP** Module to implement logging in the application to know the application status
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components.
* Developed, and debugged the servlets and EJB with Web sphere Application server.
* Developed the middle tier using EJBs, Java Servlets.
* Developed session, entity beans and message driven beans.
* Designed and developed the UI using Struts view component, JSP, HTML, CSS andJavaScript, AJAX.
* Designed the data flow for the client-side screens and the object interaction layer for the server side components using Rational Rose.
* Involved in Use Case Realization, Use Case Diagrams, and Class Diagrams and Sequence diagrams using Rational Rose.
* Designed **REST APIs** that allow sophisticated, effective and low cost application integration
* **SOA** implementations to address distributed service transaction requirements.
* Designed configuration XML Schema for the application.
* Used JSF layout for View of MVC. JavaScript, DHTML also used for front-end interactivity.
* Used SOAP for **Web Services** by exchanging XML data between applications over HTTP.
* Applied the **JSON** and XML for the static data model for different region.
* Designed a tool which will accept the incoming **JSON** response
* JUnit tests were written to test each module in the application.
* Used SOAP over HTTP and SOAP over JMS for communication between components.
* Created the **test cases** for testing the functionalities using JUnit.
* Implemented several design patterns like Singleton, MVC and Factory design patterns.
* Developed **MS SQL** queries and Stored Procedures for retrieving the data from several databases.

**Environment:**

Core Java/J2EE, JDK 1.6, Java beans, Servlets, JSP, Java Swing, JSTL, REST,SOAP,SOA, Spring 2.5, Hibernate 3.0, Struts, JSF, Unix Shell Script,EJB, JMS, XML, XSLT, JDBC,JAX-WS, JSON**,** IBM WebSphere6.0 and 6.1, WSAD, IBM MQ, AJAX, HTML, CSS, JavaScript, JUnit, Eclipse, UML, Rational Rose, Visio

**American Express - PHOENIX, AZJun ’09 – Aug ’10**

**Project: ReSup (Relationship Summary) NGI Migration (Next Generation Interactive)**

**Role: Senior Java/J2EE developer**

The Manage Your Card Account (MYCA) is a collection of interactive applications that enable American Express customers to manage their American Express Card Accounts via the Internet self-servicing channel. The Relationship Summary Page (ReSuP) Project is the next evolution of MYCA. Currently, customer account information is fragmented throughout AmericanExpress.com. AmericanExpress.com provides within-segment Account Summary Pages on MYCA, Financial Accounts, Small Business Dashboard, Emerald Dashboard (under development) and MyAmex.com

**Responsibilities:**

* Actively participating in all the phases of the **System Development Life Cycle (SDLC)**.
* Participating in the **High-level and low-level system design**, **planning**, **estimation** and **implementation**.
* Preparation of the **technical design documents** including class diagrams, sequence diagrams, flow charts, process flow diagrams and etc.
* Identifying and implementing of different **J2EE design patterns** like Service Locator, Business Delegate, DAO etc.
* Used different XML parsers like **SAX** and **DOM** as per requirements.
* Setting the **coding standards** and code review.
* **Unit test case** preparation and Unit testing as part of the development.
* Used different XML parsers like SAX and DOM as per requirement.
* Implemented modules using **Core Java APIs**, **Java collection**, **Threads**, **XML**, and integrating the modules.
* Used **RAD** for application development.
* Assisted in **Developing testing plans** and procedures for unit test, system test, and acceptance test.
* Implemented **Maven** for building NGI ReSuP project.
* Implemented new module structure for a ReSuP project in Subversion.
* Setup E0 Environment for NGI ReSuP project on **WAS 6.1**.
* Implemented new module structure for a ReSuP project in Subversion.
* **Conducted trainings** for rest of the MYCA teams for E0 set-up and NGI plug-ins.
* Unit testing and implementation.
* **Performance Testing** with J Meter and Analysis of the results.
* Worked on **SOAP,** WSDL and implementation of code templates generate WSDL file, and serialization files.

**Environment:**

Java 1.5, J2EE, JavaScript, Java beans 3.0, Servlet 2.4, Struts 2.0, Eclipse, JDBC, JMS, ANT, MVC, AJAX, HTML, UML, XML, XSLT, Service Locator, SOAP, Web-Services and WebSphere 6.1.

**Sri Lanka Telecom, Sri Lanka Jan’08– Dec’08**

**PROJECT: Customer E-Care Product**

**ROLE: Java/J2EE Developer**

Sri Lanka Telecom is actively involved in providing telecom solutions in various major network infrastructure projects. E-Care is a customer care product, which provides single profile for every customer irrespective of services availed. The product is partitioned into modules, each of which caters to distinct functions in the business, enabling in effectively tracking customer profile changes, customer inquiries and automatic alerts, at the same time maintaining knowledge base of all problems for future reference.

**Responsibilities:**

* Involved in **Software Development Life Cycle (SDLC)** of the application, requirement gathering, design analysis and code development.
* Implemented **Struts** framework based on the **Model View Controller** design paradigm.
* Developed User Interface with **Struts1.2 Framework** using MVC Architecture.
* Used **Struts Validates** for client side validation
* Extensively made use of **Struts** and **JSP Tag library**.
* Mapped classes to database tables in Deployment Descriptor files.
* Worked on triggers and stored procedures on Oracle database.
* **Apache Ant** was used for the entire build process.
* **JUnit** was used to implement test cases for beans.
* Worked on **Eclipse IDE** to write the code and integrate the application.
* Application was deployed on Web Sphere Application Server.

**Environment:**

JDK 1.4**,** JavaScript, JSP 1.2, Servlets, Struts, JMS, WSAD, Web Sphere Application Server, Oracle, EJB, Eclipse, Ant, Linux.

**Educational Qualifications:**

MS in Telecommunication and Computer Networks.

Southeast Missouri State University