**Ravi Pericharla**

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**Summary:**

* A senior Java Dev1eloper with **8 years** of **Java/J2EE** coding and design experience. Expert level understanding of development lifecycle using waterfall, iterative and agile scrum practices.
* Demonstrated expertise in handling development, maintenance, upgrade & enhancement projects.
* Expertise in web development applications using **Core Java, Servlets, JSP, EJBs (Session Bean, Entity Beans, MDB- JMS), JDBC, XML, XSD, XSLT, RMI, JNDI, Java Mail, XML Parsers (DOM and SAX), JAXP, JAXB, Java Beans** etc.
* Expert level coding skills in Java and web application development in **Struts, Spring customized MVC and Hibernate** frameworks.
* Strong background in Object Oriented Design (**OOD**), Analysis (**OOA**) and drawing **UML** diagrams.
* Extensive experience in front-end technologies like **HTML5, CSS3, Java script, AJAX, JSP, JSTL, JQUERY and other java Script libraries.**
* Experience in using the JQuery libraries **AngularJs, Kendo UI.**
* Database Design, Modeling, Migration using **SQL & PL SQL - Oracle, DB2, SQL Server.**
* Extensive expertise with **Web sphere, Web Logic, Apache Tomcat & HTTP Server.**
* Expertise in producing & consuming SOAP based & Restful web services using **WSDL, SOAP, AXIS, JAX-WS, REST-Jersey, UDDI, and WS-Security.**
* Expertise in Unit testing using **JUnit & Mockito**, Integration testing &smoke testing etc.
* Proficient in using **GOF Java and J2EE design patterns** like Singleton, Front Controller, Business Delegate, Service Locator, DAO, VO etc.
* Proficient in using java development IDEs like **Eclipse, My Eclipse, Net Beans and RAD.**
* Proficient in Asynchronous messaging using **JMS and IBM MQ Series.**
* Performed DB Design, DB normalization and writing **SQL queries and PL/SQL – Stored Procedures, Functions, Triggers, Sequences, Indexes and Views etc.**
* Proficient in coding guidelines and checking **Check styles, PMD defects & Find Bugs.**
* Provider of technical solutions utilizing the latest technologies and developing innovative solutions in alignment with business objectives.
* Proven success in project management; combining expertise in strategic planning, quality control, and team leadership with solid qualifications in client server application design and development.
* Tencious problem solver continuously seeking effective solutions to complex problems with excellent troubleshooting , communication and presentation skills.

**Professional Experience:**

**Barclays Capital, Dallas, TX Jan ‘15 – Till Date**

**Role: Sr. Java Developer**

**Project: Derivatives Prime Brokerage/Web Payment Entry**

**Description:** Web Payment Entry (WPE) is a web based system which allows Prime Brokerage (PB) clients to enter payments directly without having to liaise with the PB Payments team. PB clients can enter/receive payments, setup instruction templates for wire transfers, and transfer cash journals on third party or non-third party accounts. Method of transfers supported are web, file upload, FTP, SWIFT. WPE interfaces with MPRS and GTOS to finally wire in/out money from the firm treasury.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle using Agile including design, development, implementation, verification and validation.
* Developed Sequence, Use case Diagrams and Process Flow diagrams using Rational Rose.
* Used Bootstrap3 to develop UI with responsive design.
* Used JQuery to navigate to different pages of the application using DOM elements, and to create AJAX calls. Implemented Responsive web design for easy reading and navigation with a minimum of resizing, panning and scrolling.
* Designed REST APIs that allow sophisticated, effective and low cost application integration.
* Part of a team to work on implementing concepts in multi-threading, multitasking, synchronization, virtual memory and file management.
* Used spring and interacted with backend database using Hibernate framework.
* Implemented pre authentication and data base security using spring security.
* Extensively used Hibernate in data access layer to access and update information from the Oracle database. Used Hibernate Query Language (HQL) for writing the queries.
* Implemented business tier using Spring AOP and spring IOC.
* Parsed the XML based responses using JAXB Parser and validated XML against the schema.
* Implemented and used Web Services with the help of WSDL and SOAP to get updates from the third parties.
* Worked on SQL and Stored Procedures.
* Used JMS to pass messages as payload to track different statuses, milestones and statuses
* Used ANT for building and deploying Application.
* Used Rational Clear Case as version controller.
* Used JUnit to do unit testing for the modules developed.
* Worked extensively with AngularJS to create single page applications.
* Involved in creating JUNIT test cases.
* Involved extensively Test Driven Development - TDD practices and code refactoring.
* Involved in 24x7 production support and issue resolution.
* Used Shell scripting to while deploying the application.

**Environment:** Java, Web Sphere, Spring Framework, Hibernate, Jersey, HTML, JavaScript, CSS, XSLT, XML, AJAX, JAXB, WSDL, SOAP & REST Web services, Agile, JUnit, JMS, ANT, AngularJS, XSLT .

**State Farm, St Louis, MO Apr 2013 – Dec 2014**

**Role: Sr. Java Developer**

1. **Project: Portfolio View**
2. **Description:** Portfolio View is an online application that enables clients to access, review and update their products purchased from American Family and its subsidiaries. The primary users of this application are policy owners, agents and customer service representatives. The application provides an integrated environment for account management, policy changes/ renewals, monthly premium dues alerts, claims processing status.

**Responsibilities:**

* Understanding of business requirements and identify the relevant functional and technical requirements.
* Documenting the Functional and Technical specifications.
* Worked on the project using agile methodology.
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, Javascript, JQuery, AJAX and AngularJS.
* Developed Web services to allow communication between the applications using Restful Web Services.
* Involved in developing Unit Test cases and testing the Application.
* Done logging using Log4j and commons-logging frameworks.
* Developed the reports that have to be generated based on user input.
* Used various report generation tools like iText and Apache POI for generating reports in PDF and excel formats respectively.
* Used Hibernate ORM framework with Spring for data persistence and transaction management.
* Extensively involved in developing and writing Maven build scripts for automated build and deployment processes.
* Implemented SQL queries and used stored procedures, and built-in functions to retrieve and update data from the databases.
* Used SVN repository for version control.
* Coordinated team application of test-driven development (TDD) strategies to optimize system quality and to enable rapid refactoring.

**Environment**: Java, J2EE, EJB, JSP, XML, Spring MVC, Hibernate, iText and Apache POI, SVN and SQL Server

# American Express, Phoenix, AZ Mar’11-Mar’13

# Role: Sr. Java Developer

**Project: Fraudnet**

**Description:** It is a web based application that provides fraud data and fraud management tools to help in mitigating fraud occurrence and losses. To fully leverage this application it is required that the requirements listed below are met.

Issuers have legal rights to issue Amex cards

Urgent Investigation Request (UIR) and Participant Communication Platform (PCP)

Acquirers interact with SE or Print of Service

Urgent Investigation Request (UIR) and Participant Communication Platform (PCP) & S/E Actioning System.

AEGNS Risk Management will perform two annual audits a year for Fraudnet registration.

**Responsibilities:**

* Developed Asynchronous means of retrieval of data using AJAX.
* Involved in design and development phases of Software Development Life Cycle.
* Involved in the design and development of complex stored procedures.
* Used SVN for versioning and concurrent access to the project files.
* Used Maven for building the application.
* Extensively used JUnit for unit testing.
* Used Log4J utility for logging.
* Deployed the application on WebLogic application server.
* Implemented the presentation layer using Struts Framework.
* Developed front-end components using HTML, ­JavaScript, JSP.
* Validated all forms using Struts validation framework.
* Implemented various J2EE design patterns like DTO, DAO, Singleton and Session Facade.
* Implemented Spring AOP for the Components that are involved in the application.
* Database access was implemented through Spring JDBC.
* Implemented Spring security for the application for authentication process against LDAP and J2EE pre-authentication.
* Used Spring IOC to inject services and their dependencies.
* Used GITHUB and GIT command-line tool for source code management.
* Developed and Consumed Web Service to interact with external systems.
* Added dynamic functionality to screens using GWT.
* Implementation of the component framework, initially ground up, and later on top of GWT (Google Web Toolkit).
* Involved in sprint meetings. Practiced Agile Development methodologies.

**Environment:** Java, J2EE, JSP, Struts, Spring, JUnit, Log4J , SQL, Web Services, MyEclipse, XML, JSTL, HTML, CSS, Ajax, JQuery, WebLogic, Maven, SVN, Rational Rose.

**Virginia Commerce Bank, Arlington, VA Jan’10 – Feb’11**

**Role: Java Developer**

**Description**: Virginia Commerce Bank is one of the biggest financial conglomerates with interest in a wide range of brokerage, mutual fund, banking and consumer financial products and services on an integrated basis. The organization leverages its business with prudent investments in cutting edge technologies. The main objective of this project is to design and Implement an Enterprise level Content Management Architecture. The Architecture should incorporate the need to use Interwoven as the Content Management tool for all its worldwide websites. It should be open Ended so that later on an Application Server like web sphere, web logic could be integrated with the Content Management Software to bring personalized experience to the users.

**Responsibilities:**

* Involved in analysis and design phase of Software Development Life cycle (SDLC).
* Analysis of Business Requirements and Technical Requirements.
* Agile Software Development model used for this project.
* Used HTML, XHTML, DHTML, Java Script, AJAX, JQUERY, JSP and Tag Libraries to develop UI/view pages.
* Used Spring Core to define beans for Services, Entity services and corresponding depended services.
* Involved in spring programmatic transaction management using AOP and using Spring Batch.
* Implemented Batch framework for insurance records processing.
* Used Apache CXF, WSDL, SOAP, AXIS and JAX-WS technologies to create web services, generate stubs and consuming the existing services.
* Involved in developing Restful web services using JERSEY tool as wrappers to access existing business services by Mobile channel.
* Used JMS to pass messages as payload to track statuses, milestones and states in the workflows.
* Extensively used GOF Java and J2EE design patterns.
* Involved in reading & generating pdf documents using ITEXT. And also merge the pdfs dynamically.
* Involved in the configurations set for Web logic servers, DSs, JMS queues and the deployment.
* Involved in creating queues, MDB, Worker to accommodate the messaging to track the workflows
* Created Hibernate mapping files, sessions, transactions, Query and Criteria’s to fetch the data from DB.
* Enhanced the design of an application by utilizing SOA.
* Generating Unit Test cases with the help of internal tools.
* Used JNDI for connection pooling.
* Developed ANT scripts to build and deploy projects onto the application server.
* Involved in implementation of continuous build tool as Cruise control using Ant
* Used Star Team as version controller.

**Environment:** JAVA/J2EE, HTML, JS, AJAX, Servlets, JSP, XML, XSLT, XPATH, XQuery, WSDL, SOAP, REST, JAX-RS, JERSEY, JAX-WS, Web Logic server 10.3.3, JMS, ITEXT, Eclipse, JUNIT, Star Team, JNDI, Spring framework – DI, AOP, Batch, Hibernate.

**Harvard Pilgrim Health Care, Wellesley, MA Jun’08-Jan’10**

**Role: Jr. Java Developer**

**Description:** Provide the Human resource and development solution for the most of big industries. It's covered different modules like Master, Employee, Performance, Training, Reports, and Home etc. This project contains site template, custom web parts, custom event handlers, custom web pages, and Event Handling. Taking into account the client’s project requirements and interests, Cybage has adopted many successful software development approaches.

**Responsibilities:**

* Involved in the requirement analysis, design, and development of the project.
* Involved in the design and estimation of the various templates, components which were developed using Day CMS (Communique).
* The CMS and Server side interaction was developed using Web services and exposed to the CMS using JSON and JQuery.
* Developed the web layer of NCP using Struts 1.2.
* Used Validator framework of the Struts for client side and server side validation.
* The UI was designed using JSP, Velocity template, JavaScript, CSS, JQuery and JSON.
* Enhanced the FAS system using struts MVC and iBatis.
* Involved in developing web services using Apache XFire& integrated with action mappings.
* Developed Velocity templates for the various user interactive forms that triggers email to alias. Such forms largely reduced the amount of manual work involved and were highly appreciated.
* Used Internalization, Localizations, tiles and tag libraries to accommodate for different locations.
* Used JAXP for parsing &JAXB for binding.
* Co-ordinate Application testing with the help of testing team.
* Involved in writing services to write core logic for business processes.
* Involved in writing database queries, stored procedures, functions etc
* Deployed EJB Components on Web Logic, Used JDBC API for interaction with Oracle DB.
* Involved in Transformations using XSLT to prepare HTML pages from xml files.
* Enhanced Ant Scripts to build and deploy applications
* Involved in Unit Testing, code review for the various enhancements
* Followed coding guide lines while developing workflows.
* Effectively managed the quality deliverables to meet deadlines.
* Involved in end to end implementation of the application.

**Environment:** Java 1.4, J2EE (EJB, JSP/Servlets, JDBC, XML), Day CMS, XML, My Eclipse, Tomcat, Resin, Struts, iBatis, Web logic App server, DTD, XSD, XSLT, Ant, SVN