PRASHANT VIRPARIYA

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SUMMARY

- Has 13 years of experience in the IT industry as Senior Software Developer with exposure to different industries (Health Insurance/Transportation and Logistics/Supply Chain Management/Vehicle Insurance) for software analysis, design, development and testing.
- Have worked closely with business users, business system analysts and development teams to successfully translate process requirements into specifications and deliverables with proficiency in development of internet/intranet, portals, client/server applications using object oriented language and web based technologies such as **Java, Servlets, JSPs, EJB, JDBC, RMI and HTML**
- Worked on **Salesforce** as SFDC developer to develop and deploy apps using custom code written in Apex language (classes, controllers & triggers), web services integration, visualforce pages, components, tabs, custom objects, reports and dashboards.
- Experience in Software Configuration Management using SVN, CVS, VSS, and ClearCase. Build management using ANT, Apache Ivy and Apache Maven.
- Experience in **full software development life cycle.** Worked with both waterfall model and agile development methodology.
- Result driven software professional with leadership qualities and proven track record of successfully managing the technical aspects of the application development process from design and development to implementation and support.
- Great communication skills, interpersonal skills, analytical/problem solving skills. Have the ability to work in or lead a team to deliver complex technology solutions by using a practical, patterns-based approach to achieve stated objectives within limits of time, budget and stakeholders' satisfaction
- Have additional skills such as Requirements management, Following process and methodology, Managing client relations, Testing and deployment etc.

TECHNICAL SKILLS

Category	Details
Languages, Technologies and Framework	Core Java, Apex, Applets, JSP, Servlets, JMS, RMI, JDBC, EJB, Struts, Hibernate, Spring, JUnit, SOAP based web service, Castor, Quartz, Flux, Ant, OpenJPA, jquery
Salesforce Technologies	Apex classes, Apex triggers, SOQL, SOSL, Visualforce (pages, components & controllers), Apex web services, Workflow & approvals, Dashboard, Reports, Standard & custom objects, Data loader
Application Servers	Oracle 9i Application Server, Websphere Application Server V8.0, Oracle WebLogic Application Server 8.1/10.0, Apache Tomcat
Scripting Language	Javascript, XML
Database	Oracle 9.x/10g/11g, Informix
Tools and IDEs	Eclipse, IntelliJ IDEA, Websphere Application Developer Studio, XML Spy, SQL *Plus, TOAD, SOAPUI, BEA Workshop for WebLogic, Edit Plus, Loadrunner, JRockit Mission Control

Operating Systems	Windows, Mac OS, Unix (HP-UX 11i)
Design Patterns	MVC, Factory, Singleton, DAO, Service Locator
Others	XSL, XSD, SAX, DOM Parsers, AJAX, HTML, CSS

EDUCATION

Bachelor of Engineering (B.E.) in Instrumentation and Control.

EXPERIENCE

Projects: **FEP Local/Bridge (Claims proc and UI), CRM & Workflow**
Client : CareFirst BlueCross BlueShield (FEP Division), USA
Duration: Aug 2011 – Till Date
Project Overview:
  ➢ FEP division of Carefirst BCBS stands for Federal Employee Plan and caters to federal employees' health insurance needs.
  ➢ The product FEP Bridge is an evolution of earlier system FEP Thin, which was used to comply with 4010 version defined with HIPAA. FEP Bridge is a system to comply with 5010 version under HIPAA.
  ➢ The system has different interfaces/projects such as claim engine, UI console, batch jobs, rule engine etc. Out of these, an important piece/component is claim processing which involves pre-adjudication and post-adjudication processes.
  ➢ The system also interacts with other different systems for adjudication process, generate vouchers, pay the checks etc.
  ➢ CRM and Workflow are the apps developed in Salesforce. CRM is meant to support customer service department and Workflow supports claims processing department.

Role and Responsibility:
  ➢ Go through existing artifacts and understand current architecture of the system.
  ➢ Interact with different stakeholders and different teams to understand requirements and existing code.
  ➢ Design, develop and unit test changes for 5010 modules and batch jobs.
  ➢ Fix any existing bugs and production defects.
  ➢ Deliver quality and lightweight code to meet defined SLA for end to end transaction.
  ➢ Use open source frameworks to achieve different goals. We use OpenJPA for persistence layers, EJB3 at business layers, lombok to generate the boilerplate code and use design patterns wherever possible.
  ➢ For CRM and Workflow, interact with both Business Analysis and UAT teams to understand end user/business needs. Propose technical solutions to meet those needs.
  ➢ Design, code, unit test and deploy the requirements using Salesforce platform to meet end user needs. Fix any defects/issues and support whatever has been deployed in past. Develop and provide reporting and dashboards for end users.

Technologies:
    Java SE (1.6), OpenJPA 2.0, EJB 3, Lombok, JMS, MQ Series server, Oracle

11g, XML, Ant, Apache Wicket, SL4J, Salesforce platform for CRM and Workflow applications (Apex classes and triggers, Visualforce, Custom components and controllers, Standard and Custom objects, Workflow rules, SOAP Webservice, Console integration toolkit etc.)

Tools:
RAD IDE for development, Websphere Application Server 8, TOAD, XML Spy as XML editor, SQL Developer, Salesforce data loader, Force.com eclipse IDE

Product: **Rapid Transportation Management (RTM) and Warehouse Management System (WMS)**
Client : United Parcel Service - Supply Chain Solutions (UPS), USA
Duration: April 2008 to July 2011
Product Overview:
➢ Even though the name of product contains transportation management, it is mainly order management system with transportation management component built in. A very important product for UPS Post-Sales and UPS Express Critical business. The product enables revenue of $600M along with other integrated applications of the Post-Sales portfolio. The product is written entirely using Java EE framework and different technologies
➢ The product provides complete workflow management during order life cycle. It uses web services to interface with other applications of portfolio, uses quartz schedulers to create and trigger alarms based on workflow. The system provides transportation management people one homogeneous interface to manage the transportation for all orders. It provides role based authentication and authorization mechanism along with other services.
➢ The system provides three different interfaces. A separate interface exists for customers and vendors apart from the standard OMS (Those are three separate applications bundled in same product). The vendor interface is also exposed as J2ME component which can be installed on java enabled phones.
➢ The product is installed as two separate components on. Enterprise component which houses all web tier and business tier classes. Another component, called routing is installed on separate server, which houses home grown routing algorithms to decide best possible and most optimum route using drive job, air job or third party job.
➢ The system provides flexibility to configure and sign up for different event notifications and can generate notifications in different formats (EDI, email, fax etc) to be sent over to customers.
➢ The product also deals with many different third party products such as Microsoft MapPoint for rendering maps and routes for a particular order, other ASDI services to track all the flights real time in order to update the order automatically, payment gateways of paypal for optional credit card billing payment services, SSIM for updating flight information, PC*Miler for geocoding and drive distance/time calculation etc.

Role and Responsibility:
➢ My primary task at beginning was to enable replacement of existing OMS (Vantive) used by business with this new OMS providing many added values to customer. After all new features have been incorporated in this new product,

migrate over all the customers to this new system and the new interface in different phases.
- ➢ Worked directly with Functional Users (interface between IT and business) and Business System Analysts to create functional requirement docs and convert them over into technical requirement docs. Technical design documents included uses cases, class diagrams, sequence diagrams etc.
- ➢ Analyse requirements and existing code in order to achieve the business goals with the best possible configurable design.
- ➢ Design, develop and unit test changes on many different modules such as ERP updates, EDI order creations etc including one of the most important module named routing and service configuration.
- ➢ Implemented SOAP based web service hosted in the application to make services of the product available to other applications. Also acted as client to web services hosted by other applications.
- ➢ Wrote code for end to end data flow in application starting from JSP to Action classes, request/response objects, mappers, value objects, hibernate mapping files and other hibernate classes to EJBs which can house business logic.
- ➢ Changes/addition to database schema for new requirements according to needs
- ➢ Wrote a framework based on quartz schedulers to replace existing flux based framework which enables scheduling and triggering of alarms based on configurable timed events.
- ➢ Used object binding framework to bind the XML to java objects. We used castor for our needs.
- ➢ Managing all stages of SDLC beginning from requirement management, code management and check ins, defect reviews, defect fixes, demo to functional users, support for QA and UAT testing.
- ➢ Also worked as 4th level support person to analyse and provide solution for production issues that cannot be addressed by 1st, 2nd or 3rd level support.
- ➢ Worked as subject matter expert for few areas of product and guided/mentored new developers to this product.

Technologies:
Java, Servlets, Struts, Hibernate,Spring, Flux/Quartz, Web Services, JSP, JDBC, JNDI, JMS, EJBs, Oracle 10g, XML, Castor, Ant, JavaScript, HTML, CSS

Tools:
IntelliJ IDEA and Eclipse 3.2 IDE for development, WebLogic Application Server 10.0, TOAD, XML Spy as XML editor

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Product/Project   **Oracle Transportation Management (G-log)**
Client :   Oracle, USA
Duration: April 2007 to Feb 2008
Product Overview:
- ➢ Oracle Transportation Management is highly customizable web based application developed using J2EE architecture to cater transportation and logistics industry.
- ➢ The product provided some of the key features such as High Performance Transportation Optimization, Global Transportation Collaboration and Execution, Logistics Automation with exception management, and complete logistic network visibility.
- ➢ The product has domain based authentication and authorization mechanism for

different roles and user. A shipper can create order base, order release and plan shipments from the inventory. The shipment planning can be optimized using the algorithms present in the product.

➢ This shipment can be executed and tendered to different service providers present in the system using different mechanisms. The service provider can login to system and can accept or decline tenders.

➢ The application has configurable workflow management system and these workflows can be triggered based on many events identified in the system.

➢ Integration of this product is also possible using integration layer with other Oracle applications such as E-business suite.

Role and Responsibility:

➢ Participate in functional requirement document preparation and review meetings to enhance the same according to client recommendations.

➢ Converting the functional requirements into technical requirements and creating Technical Design Documents.

➢ Architect, design, develop and implement different features in one of the module called collaboration for this J2EE web application.

➢ Implemented overall design and structure of the features in the product.

➢ Created technical design and implemented the same for internationalization of javascript validation framework messages.

➢ Database schema designing/modification for backend

➢ Wrote java classes for implementing and executing workflows synchronously and asynchronously by posting or scheduling topics on to queue.

➢ Wrote session bean classes to execute some of the business logic.

➢ Generated entity beans for persisting data to database.

➢ Used XML and XSLs to generate UI screens shown to the user. For customizable UI screens, wrote .jspx files.

➢ Javascript and AJAX were used for basic validation of fields and for sending out asynchronous request to the server.

➢ Used DOM parser APIs to generate XML files for outbound integration of entities present in OTM with other oracle applications.

➢ Used clear case as version control tool.

➢ Interacted with existing clients through client forums to sort out their issues in their current deployment of the product and identifying their issues as bug/not bug or enhancement and implement those enhancements/sort out bugs.

Technologies:

Java, Servlets, Struts, JSP, JDBC, JNDI, RMI, JMS, Entity Beans, Session Beans, Oracle 9i, XML, XSL, AJAX, JavaScript, HTML, CSS

Tools:

Eclipse 3.2 IDE for development, WebLogic Application Server, Apache Tomcat as web server, TOAD for database operations, XMLSpy

Note: Details about projects done between July 2004 to March 2007 can be provided upon request. They are archived to keep resume short.