

Pradeep Janardhan

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Software Architect • Senior Web Developer • Team Leader

Highlights

A very dedicated and passionate Information Technology professional with 10+ years of experience and expertise in **developing Web 2.0 applications** for various industries like Benefits Administration, Supply chain and general corporate websites.

Portfolio Highlights

- Developed cutting edge web based service oriented software solution called **V3 using Tapestry, Hibernate, Spring and AJAX(Prototype)** that was designed specifically for the needs of Public, Taft-Hartley and Multi-Employer benefit organizations. The product has been implemented at various state governments and small benefit organizations across USA
- Proficient in developing web 2.0 applications using latest technologies like **Java, J2EE, AJAX,PHP, Tapestry, Hibernate, Spring, PHP, Code Igniter, jQuery, Prototype, MySql, Oracle** with emphasis on Service Oriented Architecture and web services
- Developed various websites using content management tools such as **Joomla, Mambo and Drupal** along with lots of customizations to templates and its components
- Good understanding of web 2.0 esthetics and proficient user of **Dreamweaver MX, Photoshop, Fireworks** with some basic knowledge of Flash
- Experience in improving the page ranking of websites in popular search engines such as Google, Yahoo and Bing using various **Search Engine Optimization(SEO)** techniques.
- Implemented a **world-class supply chain software from i2 Technologies** for more than 5 years at various fortune 500 clients like **Honda of America, Lockheed Martin, Samsung, Shell, Transora** and others by which clients realized savings in Millions.
- Designed and developed a robust **JMS based integration framework using MQSeries as middleware to integrate i2 SRM suite with PeopleSoft and Ariba applications using UML EAI integration specifications.** The same solution was later used in Samsung Electronics for integrating with 6 external systems in an i2 implementation.
- Worked in various client-server software solutions using **Java, C++, Oracle and DB2**

Pradeep has **demonstrated strengths** in software consulting, integration, web design, tactical planning, application development/deployment, and management.

Technological Expertise

Programming Languages

- Java,C++,PHP
- Javascript ,XML,XSL,XSD,HTML,XHTML,CSS
- COM/DCOM
- PL/SQL

Frameworks

- J2EE - JSP,Servlets,EJB,JNDI,Java Transaction API
- MVC frameworks like Struts, Spring and Tapestry
- Hibernate
- Content Management tools such as Joomla, Mambo and Drupal

- Prototype, jQuery, Code Igniter and XML framework like Castor
- JMS, MQSeries

Databases

- Oracle
- DB2
- MySQL

Concepts

- OOA/OOD(UML, Design Patterns, Refactoring)
- Agile methodology and Extreme Programming (XP)
- AJAX, Web 2.0 design methodology
- Service Oriented Architecture, Web Services

Tools

- IDEs such as Eclipse 3.2 JBuilder
- Build tools like Maven and Ant
- Continuum

Application Servers

- J2EE application servers like Weblogic, JBoss and Websphere
- Webservers like Apache, Tomcat

Operating Systems

- Windows XP, Vista and 7
- Linux platforms like Ubuntu and Solaris

Selected Achievements

Product Development

- **Work as a core contributor/lead developer in developing cutting edge product V3 Benefit Administration System of [Vitech Systems](#).** I was mainly involved in the Check Disbursements module of this product. Job involves designing, developing and enhancement of the module using Java, Tapestry, Spring, Hibernate, jQuery, Prototype, Maven and Continuum. The whole development goes hand-in-hand keeping in mind the numerous clients who are already using the product.
V3 Benefits Administration System is a widely-installed, world-class software solution designed specifically for the needs of Public, Taft-Hartley and Multi-Employer benefit organizations. V3 is the choice of over 40 organizations nationwide serving over 7,000,000 participants. V3 is used by State Pension Funds, State Health Funds, City Funds, County Funds and Taft-Hartley Benefit Funds across the country. .
- **Part of the development team of a social networking website called [AntStorm](#)** that helps to import browser bookmarks, use or update them anytime on any computer and share it with your friends .
- **Developed and maintaining physicians job search website called [Insignia Medical Group](#).** I worked directly with the CEO of the website, got all the requirements and designed the website using Adobe Photoshop and Fireworks and implemented the same using content management tool Joomla, PHP, MySQL and jQuery.
- **Developed numerous personal websites such as [Praisedlight](#) and [Lifewhite](#)** etc that helps

people maintain their personal things, write a blog etc with functionalities such as integration with Social networking sites like twitter, facebook and online photo websites. Extra care is taken to ensure that all websites developed have a tableless layout, using valid HTML and CSS.

- **Blog about technology,web programming and electronic gadgets at [Praisedlight-Blogs](#)** . I also discuss my life and my experience there.

Solution Architect

- **Worked on implementing [i2's](#) Supply Relationship Mangement (SRM) product at various fortune 500 clients.**
 - **Product Sourcing implementation at Lockheed Martin Missiles and Fire Control, USA (2005)** - This project aims at providing a single place for a design engineer to look for parts for his engineering design and then do an analysis at the BOM. It also had functionality of submitting a New Part Request that triggers a workflow for approval and a Change Part Request (if he wants any changes to the part specification). I was involved in requirements gathering, map the product features with client requirements, developing use case diagrams, detailed design,activity diagrams, sequence diagrams and get the approval from the customer for implementation. Wrote integration specs for integrating this product with legacy systems like SAP , PDM and DIACS
 - **Product Sourcing implementation at Samsung, Korea (2004)**- This project aimed at building a system to perform Life Cycle Analysis and Cost Analysis on Engineering BOM's and also to assign preference to internal parts. These preferences were defined based on some complex business rules and were used in Product design process to make the final.
My role in this project was to do the solution architecture for preference score generation tool, architect the integration framework of i2 product with 8 different external systems and lead a team of 4 in implementing the same integration.
 - **Strategic Sourcing Projects - Honda of America, USA (2002-2003)** This project was to build a consolidated MRO catalog for North American operation of Honda. This catalog will help Honda to realize savings by supplier consolidation, elimination of parts duplication and strategic management of contracts. Savvion system was used to develop workflows for introduction and maintenance of MRO parts into the catalog. HONDA realized at least 40% fo reduction in its operation costs.
My role in this project was to architect for JMS based integration framework for integration SRM with external systems (Ariba and PeopleSoft) and also lead the integration implementation team.Implemented the i2's Discovery Knowledge Manager that is being used as a search engine by Honda for creating a new Purchase Requisition.Implemented i2's Product Sourcing that is being used as a workflow system for introduction of a part in the i2's catalog and this involved implementing 10 new workflows.
 - **GES Singapore (January 2004 till May 2004)** -This project aimed at providing a centralized catalog across three GES plants and hence enabling them in finding strategic alliances with Suppliers for procurement of parts. i2 SRM provided functionalities like Data normalization, classification and cross referencing of their components and suppliers, visibility to Global spend analysis and aggregation of procurement across three locations Singapore, Malaysia and Shanghai.
 - **Transora (March 2001 to October 2001)** – Implemented i2's Discover Knowledge

Manager for Transora which is a consumer packaged goods (CPG) industry's business-to-business exchange established by members of the Grocery Manufacturers of America and its investors include more than 50 world's largest CPG manufacturers representing \$650 billion in annual revenues. Transora specializes in data synchronization and collaborative commerce technologies and it aimed at reducing costs and streamline trading relationships among manufacturers, suppliers and retailers.

- **Shell Equiva (November 2001 to April 2003)** - Equiva is a supplier centric, supplier managed catalog leveraging to the i2 DKM/ Content Exchange capabilities. Content for Equiva was pulled out from external systems like Trade Ranger into Alliance's enterprise catalog and this catalog is a record of all Materials, direct items and indirect MRO items. The system was rolled out to 6 plants of Equiva over North America and this it got the advantage of single catalog across different plants and also avoided mastering MRO parts in the SAP ERP system.

Education & Qualifications

Master of Science, Software Systems

School - Birla Institute of Technology and Science (BITS)

Location - Pilani, India

Year - 2002

The Master of Science in Software Systems program prepares students to lead the development and management of an organization's Internet and Intranet system, offering advanced programming and database training that employs state-of-the-art technological and business practices. As a academic project, I implemented the EBXML specification to create a open E-Commerce server that defines a robust functionality to transfer messages between trading partners in a market place using HTTP protocol and this was developed using J2EE architecture.

Bachelor of Engineering, Electronics and Instrumentation

School - Sri Jayachamarajendra College of Engineering (SJCE)

Location - Mysore, India

Year - 1998

The bachelor's degree program in Electronics and Instrumentation gives credentials needed for a career designing and implementing hardware and software solutions to technical problems primarily for control systems, computers, telecommunications devices and other electronic consumer goods. Classes included Anaolog and Digital Electronic Circuits, Digital Signals, Data Modeling, Microprocessors, Computer Programming and more.

Certifications

Sun Certified Java Programmer

Year - 2000

Sun Certified Solution Architect

Year – 2005

References

Project References, website links and people references can be provided upon request.