**Ramya Padmanabhan**

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| Accomplished Sr. Oracle/Java Consultant with over 7 years of experience designing, architecting, developing mission-critical applications using J2EE/Oracle technologies in Financial (Banking, Trading/Securities) and Sports domain for world-renowned companies and brands, including STATS LLC, Bank Of New York, Pershing LLC, iNautix Technologies | | | |
| Value Proposition | **Unique ability to adapt to any team quickly and don different hats**. Decreases project’s bottom line and risk by quick learning and start contributing to the project from day one.  **Architects for the future**, implementing flexible, supportable and scalable solutions using latest industry standard Enterprise design principles and proven methodologies and frameworks.  **Respected by both business and technical teams** for the ability to address and maintain equal focus on business and technology objectives. Superb skills as a liaison between business and technical teams.  **Analytical thinker** **that consistently resolves ongoing issues or defects,** often called upon to consult on problems that have eluded resolution by others.  **Applies strong communication, relationship building, and decision-making across all operational levels and cultures**. Noted for excellent leadership and mentoring capabilities | | |
| Experience Summary | Exposed to Application development using Eclipse, Java, Oracle, PL/SQL and other J2EE Technologies.  **Recognized as an Oracle expert** for efficient design and debugging skills who is consulted on various complex issues at the organization level.  Proficient in writing Stored Procedures, Packages, Functions, Cursors and Database Triggers using **SQL & PL/SQL**  Exposure to Unix Shell Scripting, Windows batch scripting, Perl Scripting  Good familiarity in **Performance Tuning (PL/SQL)** using **SQL Trace**, **EXPLAIN PLAN**, **TKPROF**, **Indexing** and **Hints**  Experience in code review, unit testing, integration testing, supporting user acceptance testing and **production environment involving bug fixing**. | | |
| Technical Skills | **Database/DB Tools**   * Oracle 9i, 10g, 11g * PL/SQL Developer * SQL Developer * Toad * DB Visualizer * SQL Plus   **Servers**   * Windows Server 2003/2005/2008 | **Languages/Scripts/Protocols**   * SQL, PL/SQL * XML/XSL * C, C++ * HTML * Perl, UNIX shell scripting * VB .NET, VB 6, ASP .NET * Java,J2EE,JSP * Windows batch scripting   **Operating System**   * Windows XP/VISTA * Linux * Solaris * Mac OS 10.x | **Development Tools**   * MS Visual Studio * Altova XMLSpy * Redmine * Remedy Ticketing * SVC, SubVersion * Visio   **Performance Management Tools**   * Oracle Enterprise Manager |

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| Experience | **Sports Data Operations & Collections** *Jan 2009 – Current*  *Sr. Oracle Developer, Stats LLC., Northbrook*  STATS is the world’s leading sports technology, data and content company. STATS’ provides real-time scores, historical sports information, Associated Press editorial content, a turnkey fantasy sports operation and SportVU technology. STATS is owned jointly by the Associated Press and News Corporation.   * **Optimized the data ingestion process by 95%** to load the incoming XML data feeds using Perl scripts, XSL and integrated with Oracle PL/SQL * **Optimized the Basketball statistical calculation process by 70%** using **Bulk Collect** and tweaked the high cost queries and **redesigned indexes**. * Worked in an **enhancement project** involved in rewriting the UI in **JSP** using **JSTL** tags to avoid Java code on the pages. * **Automated the season rollover process for all sports** and reduced the manual intervention needed at the beginning of every season that was very **well appreciated by the business groups**. * **Designed and developed an audit process** that maintains **data integrity and consistency** between the System of Records tables and Export tables. * Involved in **physical design and implementation** of database for Team Tennis, Cricket, Soccer sports * Involved in **migrating the database from Oracle 10g to 11g** as part of the pilot group and **promoted best practices across the organization** * Set up jobs to **analyze tables on a weekly basis** for better performance and tuning of low performance queries in the application layer   **Firm Trading** *Feb 2007 – Sep 2007*  *Oracle Developer, Pershing LLC., (for Bank of New York)*  Firm Trading application is a **Reporting platform** built on top of the PROM (Product Master) database to generate various IBD (Intermediate Broker Dealer) specific reports for a given firm. The project involved interfacing with multiple teams/systems to get the data needed for the report generation. For e.g., information related to securities pricing were obtained from PROM, commission schedule information from TFS (Trade Figuration Systems), other metadata related to the Firms and IBDs from Client/Account systems etc.,. The team was responsible for generating various **Firm Trading / IBD specific reports** namely Adhoc, Daily, Weekly, Monthly, Quarterly, Yearly reports. This project also involved ongoing maintenance/support work.   * Performed **lead role in the Maintenance/Support work** in the Firm Trading team * Involved in creating design documents to document various interface points in the project. * Developed **PL/SQL packages, Stored Procedures** that were fed into **Crystal Reports templates** that generated user friendly reports for the Java front end layer * Built **views to interface** with TFS, Client/Accounts and other teams to gather report metadata related to Firms and IBDs * Developed **PL/SQL and Unix scripts to automate report generation** and the scripts were invoked by the Mainframe Scheduling system. * Developed PL/SQL packages to generate file reports and transfer reports to Client workstations using **UTL\_TCP and CLOB objects (FTP using PL/SQL)** * Participated in Code review, System and UAT testing and production support. * Responsible for handling **Production tickets, bug fixes** in existing PL/SQL code as part of support work. * Generated time sensitive Adhoc reports based on requests from the Business team * Gave **training to new team members** related to processes followed and technology used in the project   **PROM/BNY Synergy***June 2005 – Jan 2007*  *Oracle Developer, Pershing LLC., (for Bank of New York)*  PROM/BNY Synergy was an attempt to **integrate different systems** (merging Bank of New York and Pershing) that handle IBD (Intermediate Broker Dealer) securities and create one unified system that provides a user-friendly platform to update securities information from the banker’s desktop through a web-based portal. **PROM (Product Master)** database stores the **Product and Pricing information** of the different securities. This project involved maintaining the **synchronization, integrity and validity** of the master data. It also produces audit report of the securities and gives a complete history to the users.   * One of the challenges involved **porting Data layer from DB2 to Oracle** which was then used as the main backend database for the Synergy application. * Involved in **Design documentation**, Development and Testing of the application. * Developed PL/SQL and shell scripts to **migrate data** from different mainframe **systems (DB2 tables)** into the **PROM (Oracle)** database that involved using **External tables** to improve data load performance. * Involved in developing PL/SQL Packages, Stored procedures and Functions for **Application Front end interface (J2EE)** with PROM database. Used **REF CURSOR** to return data to the Application layer. * Performance monitoring, **Table partition**, Indexing and Tuning of SQL and PL/SQL procedures. * Participated in team code review process to **review code** developed by other team members and gave suggestions to meet QA standards.   **Electronic Performance Appraisal Process (ePEP)** *June 2004 – May 2005*  *Oracle Developer, Pershing LLC., (for Bank of New York)*  Electronic Performance Appraisal Process (ePEP) is an **internal corporate wide** tool used by the Appraisers (Managers) to perform the Performance Appraisal for the associates reporting to them. The users are authenticated using **LDAS (Lotus Domino Authentication Service)**.The application implements a highly sophisticated role based authorization. A normal associate could enter his self-appraisal, view the goals set by his appraiser, view the Individual Development Plan set by his appraiser. During appraisal cycle he would be able to view his ratings. The history appraisal data are archived. This project was a high visibility project getting directly reported to the Senior Management and it was well received.   * **Developed SQL and PL/SQL** scripts to integrate data from various databases involving **Timesheets, HRMS** to reporting database. * Developed Oracle **PL/SQL objects to handle complex business logic** to act as interface layer for frontend applications developed in Microsfot .NET. * Design database objects as per technical specifications * Developed Shell scripts and **PL/SQL scripts for batch processing** of data in the off-peak hours. * Performed **Unit Testing and Quality Assurance** activities on the codes developed by other team members * Involved in installation of release in UAT and Production environment and participated in production support of the product.   **e-Transport (Intranet Web Portal)** *Aug 2003 – May 2004*  *Oracle Developer, Department of Transportation, Chennai, India*  Department of Transportation is one of the first government agencies in the state of Tamil Nadu to go **completely electronic**. This involved a huge **conversion effort** from paper based system, **automate all the day to day basic functions** like issuing vehicle registration, Driving Licenses, Learner’s permit etc., and integrate the various local offices in the state to have a one **centralized reporting system**. Another key initiative in this project was the **on-demand report generation** ability and display of **different online reports** through the intranet web portal.   * Designed and developed the vehicle registration module. * Involved in the **system study of existing registration process** and participated in the Data model design and preparation of detailed design documents. * Created **different database objects** to model the database system design. * Implemented **table partitioning** to model data logically based on the geographic regions to improve the performance of the data load process. * Developed **PL/SQL packages, stored procedures and functions** to interface with the front end application to support **on-demand report generation**. * Performance optimization of the interfaces (SQL Scripts) by **Indexing and Optimizer hints**. * Involved in System testing of other modules, bug fixing and production support of the registration module. |
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| Education | B.E.(Computer Science Engg.) India Performance : **83%** |
| Certifications | * Oracle PL/SQL Developer Certified Associate 9i/10g (OCA) |
| Workshops / Presentations | * Conducted code crunching workshop for collegiate technical symposium * Presented Oracle PL/SQL techniques and standards for effective programming |
| References | Available upon request |
| Hobbies | Jazzercise, Kickboxing, Pottery, Art, Travelling |