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**Summary**

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| * Having 14+ years of expertise in **J2EE & Web applications**. * Working under **Logistics, Retail & Point of Sale** based Projects. * Expertise in **Object-Oriented Analysis (OOA) & Object-Oriented Programing**. * Expertise in Java and related frameworks **Spring, Spring Boot, Struts, Hibernate, JAX-RS**. * Good experience in designing and developing applications using **Restful, Web Service and XML Data** Binding. * Experienced in unit test case and coverage using **Junit, Rest Assured** frameworks**.** * Implemented and good knowledge on scheduling frameworks like **Quartz with MBeans**. * Good hands-on **Maven, Ant build** for building and assembling applications. * Well verse in Version Controlling - Code maintenance using **GitHub, SVN, Clear case**. * Exposure in **Application tuning, Load & Performance Testing**. * Having excellent End user interaction and Client handling. * **Received awards and appreciations** from different stake holders including Client. * Lead Development and production support teams under different projects. * Enthusiastic Developer exploring latest technologies and frameworks like **Node Js, React Js, Neo4j Graph Database.** * Sun certified Java Programmer 5.0 with 80%. |

**Technical Expertise**

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| **Languages** | Java, PL/SQL, XML |
| **Frameworks**  **APIs** | J2SE [Java Swing]  J2EE [EJB, JSP, Servlet, JMS, JDBC, JNDI, JMX, Web Service] |
| **Application Servers** | WebLogic, jBoss, Apache Tomcat, WebSphere |
| **RDBMS** | Oracle 10g & 9i, Microsoft Access, DB2, MySQL |
| **Frameworks** | Jersey Restful, REST-Assured, Spring, Spring Boot, Quartz, MBeans, Struts, Hibernate, Axis, Castor |
| **IDE** | Intellj, Eclipse, Net Beans |
| **Design Tools** | Rational Rose |
| **SCM Tools** | Rational Clear case, Subversion SVN, Microsoft VSS, GIT |
| **Testing Tools** | Rational Functional Tester |

**Professional Experience**

**Technology Lead**

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| **Infosys technologies,**  **California, United States of America** | December 2010 - Present |
| One of the leading IT service providers in world.  **Client: Apple Inc.,**  **Apple’s Point-Of-Sale (POS):** Application enables sale & return of Apple products in Apple stores. This fully integrated system provides functionality of reporting sale, return, discounts, exemptions, accounting, receipt printing and more. POS is a highly robust & scalable system, which used different web application server and different functionalities. This is fully integrated with third party Payments, Tax systems, Gift card and other variables to support multiple geographies. It has a smooth failover operation designed to maintain 14/7 uptime. The Sale process is prominently through hand held devices. Key focus is to provide fast smooth & easy checkout to improve customer experience at Apple.  **Environment**: Java, Restful Web services, Spring Boot, Rest-Assured, Quartz, Oracle, MySQL, Maven, Tomcat 6 & 8  **Project: Fapiao -** A geo customization involving integration of Apple POS with Government Tax Invoicing system and other Apple Finance Applications.   * Involved in Technical requirement analysis, High Level and Low-level and database design and architectural discussion for new Geo specific invoicing component – A 100% **Jersey** **RESTful** service implementation. * Integrated with Apple POS to fetch transactional Data, and Tax registration system to fetch Tax related customer information. All data fetch and flow are through background jobs implemented using **CRON & Quartz Scheduler with MBeans.** * Integrated the component with Tax Invoicing system and transferring Invoice data back to the component using **SOAP Services.** * Total architecture is of 3 layers [Store Level, Geo level and Global Level]. Implemented data syncing from Store to other layers and ensuring data integrity using **RESTful services** and **Oracle triggers.** * Developed completely automated Retrying mechanism for all jobs in case of any failures in data flow. And Integrated component with Apple Error Reporting system. * Developed a complete automation test package using **Rest-Assured,** to do end-to-end integration testing. * Developed Completely functional & end-to-end third party system simulators from **WSDLs** using **Jersey RESTful** for Development Unit testing & Internal Quality Assurance testing. * Enhanced build, packaging and customized deployment of simulators using **Maven build and Shell scripting.**   **Project: Anklet Bracelet -** A Multi-geo customization and stitching with an All-GEO generic solution for Payment device firmware upgradation seamlessly not impacting the production hours and increasing productivity & easy track maintenance of the devices.   * Involved in Technical requirement & impact analysis, design and development of the change control. A 100% **Jersey** **RESTful** service implementation. * Integrated with Apple POS with native API and hooking events to initiate upgradation process. And complete customization for multi geo with multiple versioned Devices. Implemented using Core JAVA & File Systems * Implemented using Core Java for tracking of devices using native APIs and DB persistence & maintenance of all devices across stores in each and every store.   **Project: Moonshot -** A geo customization for new Bluetooth Payment Device with Apple POS and integration with Payment System. And stitching with an All-GEO generic solution for Payment device firmware upgrade.   * Involved in Technical requirement analysis and implementation of **Jersey** **RESTful** service implementation for new Payment Type and device with in Apple POS * Integration of Apple POS with Native APIs to load needed keys certs, initializing devices and to read all card related information on payments. * Developed **Jersey** **RESTful service** to handle complete firmware upgradation handling multiple devices and across multiple versions**.**   **Project**: **Improvising on Customer facing screens for Apple POS -** An initiative & tech enhancement to identify missing translated messages or labels for all GEOs across globe that are customer faced through Apple POS Application   * Took complete responsibility of this initiation with technical analysis and implementation of **Quartz Scheduler** to analyse production **SPLUNK** triggered logs with help of **Spring Boot framework** * Logic is to identify Labels and messages which are missing for their customized locale and generating DB patch scripts to insert the missing translations. * Improved in identifying the pitfall seamlessly for production team and direct recovery to use the prepared DB scripts. **Gained recognition and appreciation** across the portfolio and different teams.   **Project: eInvoice -** A geo customization involving integration of Apple POS with Government Tax Invoicing system and other Apple Finance Applications.   * Involved in Low level design and architectural discussion for new Geo specific invoicing component – A 100% **Jersey** **RESTful** service implementation. * Integrated with Apple POS to fetch transactional Data, and Tax Invoicing system using **SOAP Services.** * Total architecture is of 3 layers [Store Level, Geo level and Global Level]. Implemented data syncing from Store to other layers and ensuring data integrity using **RESTful services** and **Oracle triggers.** * Developed completely automated Retrying mechanism for all jobs in case of any failures in data flow   **Client: Frito-Lay North America division of PepsiCo**  **Application:** FLNA is a project supporting 75 applications of **Supply Chain Management** System of Frito-Lay North America division of PepsiCo. This is very critical area for the client as 34 of the applications are Tier-1 applications and any issues with these applications can put the business at halt. Functional and Operation support of applications, Batch job monitoring and fix, providing permanent fixes and minor enhancements are key services provided in this project.  **Environment**: Core Java, DB2, Oracle, Unix, TIBCO, Struts  **Project:** Warehouse & Planning Applications   * As Primary Onsite Support, day to day responsibilities include   + Issue tracking   + Problem management & tracking,   + Task scheduling & tracking   + Client & Application end user interaction * As an analyst, involved in identifying scope of improvement on Performance and implementation of permanent fixes for recurring issues. * As part of continuous improvement, automated Printer status checker and automatically recovering print services for PICK application using **Shell Scripts.** * As part of Client interaction, Presenter of Weekly/Monthly Status report and Brain storming team member for highlighting/critical issues and improvement areas. * Implemented a monitoring screen for **Pick Work Manager** connectivity to other applications and Processing status, data count monitoring stack using **Swing** and Control Screen to restart the application. * As part of **team engagement**, SME for 4 out of 11 applications and as Onsite Coordinator was responsible of mentoring offshore team members and managing activities between onsite & offshore. * As **offshore team leader**, was responsible of all team activities, knowledge transfer for critical/ad-hoc issues from Onsite to team members.   **Client: SEARS Holdings**  **Project: IMPACT** (Integrated Multi Channel Planning Collaboration and Technology) **Blueprint** Application is a custom build application, which caters to the promotional planning requirements. This application is used by the merchants to manage promotional activities, create and manage pages and blocks in the book, define the layouts, manage allocations and markets and restrict the features based on the role of the merchants.  **Achievement**: **Infosys unit level Outstanding Performer of HY2013**  **Environment**: Spring, JMS, JAXB, jBoss, Oracle, PL/SQL & Procedures, SOAP & Web services, IBM WebSphere Commerce Suite [WCS], IBM WebSphere, IBM DB2, PL/SQL, jsp & jQuery, Struts   * Involved in design and Developed Page sorting & optimizing module using **Struts MVC** for IMPACT. * Designed and developed a complete end-to-end Spring based Web application [**JSP pages, Spring MVC, and Hibernate for Oracle**] for IMPACT Reporting for employee audit and Blueprint modification tracking. * As **Team Leader**, Co-ordinated team & activities and Primary contact for Remote Location Manager. Also, mentored freshers on java concepts and Frameworks.   **Client: SEARS Holdings**  **Project:** MyGofer - one-stop online shopping experience, offering a range of quality products including supermarket food, prescriptions, health and beauty products, and electronics   * Customization of Pharmacy Module using **IBM WebSphere Commerce**. * Customization and enhancement of Same day delivery module based on Zip code using IBM WebSphere Commerce for MyGofer * Enhancement of “Shop You Way” module | |

**Senior Software Engineer**

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| **Turing Software**  **Coimbatore, India** | March 2010 – November 2010 |
| Leading Software solution providing partner for Mettler-Toledo (MT). MT is a Largest provider of weighing instruments for use in laboratory, industrial, and food retailing applications. The company also provides various analytical instruments, process analytics instruments, and end-of-line inspection systems  **Client**: **Mettler-Toledo**  **Product**: Scale UC- CW - A Labeling Food Retail Scale manufactured upon Windows XP Embedded OS with the applications built on Java & related technologies.  **Environment** – Core Java, JNI, CORBA, JMF, XP Embedded OS   * Developed Data Migration tool using **Java Sockets API & JNI**. A web-based application serving as Master Data application, push master data to all scales connected to the Food Scale network based on the configuration developed with **Spring MVC** client. * Developed a new Installation wizard for the application. Installation wizard capable of doing a fresh installation & updating existing client and capable of migrating data without any data loss. | |

**Senior Software Engineer**

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| **IBS Software Services Private Limited**  **Trivandrum**, **India** | July 2006 – January 2010 |
| Leading software solution provider for Travel, Transport & Logistics Domain, serving all parts of the Globe.  **Client: Shell Oil Company & Chevron Corporation**  **Product**: iLogistics - Fully integrated multi-modal logistics application for upstream Oil & Gas industry. iLogistics also supports the sharing of specialized resources between Oil & Gas companies within and across regions, aimed at maximizing the utilization of resources and optimization of costs.  **Environment** – Java EE, Java Swing, JSP AJAX Struts, JMS, WebLogic 8.1 & 10.3, Oracle 9i & 10g  **Iteration-1**   * Developed Business Continuity Report Generation Tool. A complete independent java utility to pull and send reports to ensure Business continuity. Tool will fetch data directly from the database [by skipping the server] and sends needed **iNet Crystal-clear** Reports using predefined **Quartz scheduling** configuration in case of any downtime/maintenance of Server * Developed Journey Request Migration Tool. This tool is to import data from pre-existing retiring application into new iLogistics Product. Tool will read Excel format data using **Apache POI** to analyze, process and disintegrate data into new product. * As part of Non-Functional engagement * Involved in enhancing in-house Load Testing Tool vUserCreator. This assignment involves in writing up Mock client service for identified business critical Services. * Data population and performing Load Testing and Performance testing   **Iteration-2**   * Developed Secured iLogistics Client Download Web Site – A simple and secured site which allows designated user to download the latest Swing Client for the Product. * Implemented Instrumentation using **Interpreter, Proxy, Factory and other factory patterns** on the server to collect business critical events across all modules & on exposed services and technical statistics including data volume and timespan. Intention to identify heavy blocking services and data-consuming calls. * Implemented Licensing module for the product to push and update the latest license file into all registered clients which are communicating to the Server. * Involved in obfuscation of Compiled jars using **Obfuscation**, this is part of protecting and ensuring security of the product since product is shared across multiple clients. * Enhanced Continuous build using **ANT** and incorporated Code Coverage, Coding Standard Validation (**PMD**) and Code committing validation into source Controller [**Clear Case**] * As part of Non-Functional Engagement * Involved in Estimation & Planning of entire Load Test Strategy. * Conducted load testing on Production look alike environment loaded with 3 years of projected data and projected traffic * Involved in analysis of load testing data and tuning Product in all layers [Client, Server & Database]. PL/SQL tuning are done with help of Oracle Snapshot reports. * Involved in data population, DB Migration, Memory & Schema maintenance along with other DB activities.   **Iteration-3**   * Implemented Message Delivery Module using **JMS Queues & Topic**, to deliver Alerts, Notifications, Welcome & Emergency messages based on the role and responsibility to users. * Developed Smart Badge Card Module and integration with Badge Reader using **JAX-RS & JAXB**. This module will allow to track every Swipe in & out of users across the Rig for maintenance and attendance tracking. This data collection down flows to Employee performance system and Payroll system * Developed complete Material Movement Web Service using **JAX-RS & JAXB**. This web service module is to be exposed in the servers deployed in moving Vessel, to track movement of material in & out of the vessel. Complete data will be retained until the Vessel moves to Port with network availability. Module will take care of pushing collected data and pulling master data between Vessel and integrated Central System. * Responsible for releasing and maintaining Versions and Updates for Line-Of-Business Executives for their business demo and presentation for spanning to fresh & new customers. * As part of Non-Functional Engagement * Involved Load & Performance Certification for iLogistics with Sun Microsystems, Bengaluru India, * Environment Setup - recreate complete Production environment stack involving Client, Load balancing Servers and Database migration (with 3 years of Projected data) in Sun stack & Servers. * Load & Performance testing – Simulated multiple thread clients and end to end load testing to identify Application breaking point and all performance statistics. | |

**Education**

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| **Bachelor of Engineering - Computer Science & Engineering** [June 2002 – June 2006]  Sri Krishna College of Engineering, Coimbatore, India –Affiliated to Anna University   * Awarded **Best Project 2006** for ***‘Motion Segmentation using Webcam’***. A Surveillance system using Image Processing & Web camera purely in Core Java & JMF |