**Arjun Kalletla**

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**Professional Summary:**

* About 8 yearsof experience specifically related to software development on Java/J2EE platform
* Experience in **Development and Enhancement of applications** in **Airlines** domain, establishing internal standards, re-architecture, writing Design Documents(Low level and high level design) , Coding, Unit testing , Load testing and Developing test scripts.
* Expertise in working in **development and enhancement projects** in various applications involving **JAVA, J2EE frameworks, UNIX Shell-scripting, C, C++ in various Design patterns.**
* Over 5 years’ experience in production support and in building the automated tools to monitor the applications effectively. Have thorough hands on experience on the configurations of JVM and application server configurations to handle the applications properly from the Server level.
* Experience in working in framework and web technologies such **as Hibernate, Struts, spring, JMS, JFS, Junit, JQuery and XML.**
* Experience with logical data modeling, including developing and maintaining **data model diagrams (ERD),** facilitating structured data modeling.
* Extensive knowledge in Java development using **Servlets, JSP, JMS, Java Script, EJB, JFS and AJAX technologies.**
* Worked extensively on various flavors of **UNIX** operating system like **Linux**, **Solaris**.
* Involved in production support activities - which enhanced the skills on IBM Web sphere 6.1 app server, diagnosing the memory management and optimizing the application performance.
* Hands on experience in **VPN, Putty, winSCP, Accurev, etc.**
* Experienced in writing **ANT scripts to build and deploy Java applications.**
* Hands on experience in various software development methodologies like **Waterfall, Rapid Application Development (RAD) and Agile development methodology.**
* Good knowledge in working with quality management standards, Capability maturity model (**CMM**), **Six Sigma, Agile methodology** for software development process management as Lead Developer and possess the ability to work with business analyst, System test teams, Project management and various technical architects in various project activities to validate product quality.
* Good understanding in **Data Modeling** and **UML** (class diagrams, object diagrams, use case diagrams, state diagrams, sequence diagrams, activity diagrams, and collaboration diagrams).
* Experience in UNIX platform. Worked in Red hat Linux platform and ability to work in multi-platform environments like **windows 7/2000/2003/NT/XP, UNIX**.
* Research-oriented, motivated, proactive, self-starter with strong technical, analytical and interpersonal skills.
* Excellent analytical skills, interpersonal skills, effective communication with colleagues, clients and vendors across all functional and technical disciplines, provided focused project management and an accurate and detailed business and system analysis.

## Technical Skills:

**Programming Languages** JAVA, J2EE, XML, SQL, PL/SQL, C, C++, Unix Shell Script, Python script

**Web/XML Technologies** HTML, DHTML, CSS, JavaScript, AJAX, Servlets, JSP, XML.

**Frameworks** EJB 2.0/3.0 (Stateless Session Beans, CMP, BMP, MDB), Hibernate 3.0, Spring 2.5, JSF 2.0, Junit, Jquery, Struts, jBPM orchestration

**Tools & Utilities** Eclipse, MyEclipse, RAD, WSAD, VSS, Toad, Editplus, Textpad, Accurev, HP Quality center, SOAP UI, Dynatrace.

**Application/Web Servers** IBM Web Sphere, JBoss, Tomcat.

**Database** Oracle 11.x, MS SQL Server 7.0, MS Access, DB2, vPostGres.

**Source Control**  Microsoft VSS, SVN (Subversion), Accurev.

**Design Patterns** Singleton, Session Facade, Factory, Service Locator, Value List Handler, Transfer Object, Front Controller, DAO, Iterator, Command, Observer.

**Operating Systems** Windows 7/2000/XP, UNIX, LINUX.

**Professional Work Experience:**

**American Airlines, Fort Worth, TX Jan**’**09** – **Till date**

**Java/J2EE Web Application Technical Lead**

**Project: Interactive Voice Response (IVR)**

Interactive Voice Response System abbreviated as IVR consists of two applications these are: Outbound Notification Application (ONA) and Product Customer Menu (PCM).These are two independent applications, between these the first one ONA’s purpose is to notify the Passenger through phone calls about the schedule changes of a flight due to cancellations/delays of it (if he/she booked a ticket in it). It also notifies for the delayed baggage information - with all the status changes of it and also proactive notification of delayed baggage - even before the passenger reaches the baggage claim area. The second application PCM, as its name suggests that it responds to the End user s (Passenger) calls to provide them the information what they wanted. (For e.g. Specific Flight schedule/ Existing reservations/ frequent flyer program / auto upgrade or seat assignment / Mishandled baggage information)

**Responsibilities:**

* Initially joined the team as a java developer at offshore and later on as the experience grew handling the project as Technical Lead at onsite
* Has redesigned the applications to improve the scalability with the growing needs from the business.
* Has re-architectured the application for significantly improving the load capacity of the application, which involves scheduler design changes, logical code flow and EJB changes.
* Involved in Analysis, Design, developing use cases, class diagrams and sequence diagrams using UML notations and Developed Design documents based on requirement specification.
* Involved in the High level and Low-level design as part of Architecture team.
* Re-architecture the application while migrating from IBM Websphere app server to TC server
* Implemented Servlets, and Java Beans to handle Business logic.
* Used Data Grid to Display & manipulate data.
* Wrote application front end with JSP, Struts, HTML, AJAX, JavaScript, and CSS.
* Wrote custom JSP tags for role-based sorting and filtering.
* Designed and coded classes based on Data Transfer Objects and DAO design patterns.
* Used Spring ORM and Hibernate to persist data and for data mapping.
* Wrote technical specifications and created class/sequence diagrams
* Involved in application redesign based on business change requirements.
* Helped in the development of ANT scripts for application specific tasks for EJB and Web service development and deployment
* Used JMS and MDB for handling message queues.
* Coordinated with Version control team to create and configure projects using Accurev
* Coordination with Database administrators for database issues, database objects creation, application testing, and application performance improvement

Analyzed and merged sources modified by multiple developers and did cross project merges

**Environment: Java, J2EE, JSP, MyEclipse, Hibernate, Spring, EJB, Websphere, TC Server, MQ Series, Apache, JUnit, Oracle 10G**

**Hafslund, Major Sweden Utilities Company Aug’08 – Dec’08**

**Java/J2EE Web Application Developer**

**Project: ErrorUI**

This project was a non-functional feature to setup an automated setup for correcting error data of some existing applications in afslund utility company. In other words Error UI is a user interface application which enables a user to view/ modify / reprocess error data that pre-exist due to wrong data entry manually or existing automated system errors.

To go in detail, there is a business application which tracks the orders given by customer for installing Power consumption metric meters at their houses. These orders are stored in data base and then as per the customer zonal and other parameters, this information is sent to related vendors (which also have a application that automates the transactions of orders) which actually does the installation of meters and then vendor sent backs the status of order to the actual application. In this communication between the applications, if any of these applications found the received data in different format than the expected, then it raises as issue and thus the   
application which has sent this data will found that there is data discrepancy and stores this data in Error table, along with the Error description. With the help of ErrorUI application the data which is found out to be wrong can be viewed on a web page and provision is also given to rectify the data by looking at its description. After rectification it can be said to continue from where it is abruptly stopped, as it keeps track of the point where it is got struck. Thus it can be said that ErrorUI application is an automated tool to handle the errors in the data of its specific application.

**Responsibilities:**

* Involved as a J2EE developer in the end-end development of the application i.e. from requirement gathering phase to User Acceptance Test phase.
* Involved in working on all the three components of MVC architecture.
* Written Technical documentation for the application that varies from a simple web page with only   
  the overall functionality to the actual logic of the code .This included flow charts, UML diagrams.
* Involved in analyzing the requirements and coding.
* Developed several data entry forms using various Tag Libraries
* Generated JavaScript for Client side validations.
* Designed and developed user interface screens with uniform standards
* Performed Unit testing and Integration testing

**Environment: Java 1.5, JDBC, Struts1.3, JSP s, Oracle 9i, MyEclipse 6.0.1, Hibernate, JBoss Server, XML, HTML4.01, UML**

**American Airlines, Fort Worth, TX Jan’08 – Jul’08**

**Java/J2EE Web Application Developer**

**Project: Common Services**

Common Services acts as the source to provide the basic info to almost all the applications that the airlines own. Common Services offers the basic services that are needed from an Airline Company. Based on the kind of services offered , it is categorized as CS Shopping, CS Travel Info, CS Location, CS Customer etc.,

**Responsibilities:**

* Involved from designing to reviewing peers of code.
* Involved in the development of the various modules of the application.
* Involved in the development of the code.
* Used Style Sheets to maintain consistency of the styles on all the pages of the application.
* Performed Unit testing / Integration testing and automated the Load testing.

**Environment: Java, JDBC, Java Naming Directory Interface (JNDI),Struts, Servlets, Java Server Pages, Oracle10g, JavaScript,XML,HTML4,01,XHTML1.0,UML,WebLogicServer8.1**

**American Airlines, Fort Worth, TX Aug’07 – Dec’07**

**Java/J2EE Web Application Developer**

**Project: Auto Forward Application**

Automation of the Transportation Company is an application used by the DRS Logistics, leading goods transportation company .This will automate various functions and activities of the company like LR Entry, Tally Form, Delivery Form, Out Going Form, POD scan etc.

**Responsibilities:**

* Involved from designing to reviewing peers of code.
* Involved in the development of the various modules of the application.
* Involved in the development of the code.
* Used Style Sheets to maintain consistency of the styles on all the pages of the application
* Performed Unit testing and Integration testing

**Environment:** **Java, JDBC, Java Naming Directory Interface (JNDI), Servlets, Java Server Pages, Oracle 10g, HTML4,01,XHTML1.0, UML, Web Logic Server8.1**

## Educational Qualification:

Bachelors of Engineering Major: Computer Science Osmania University