Rajesh Jaladi

Enterprise N-tier Web Application/Technology Lead

Technically savvy solutions-driver with over **15 years** of IT experience in engineering and managing **N-tier** standards based distributed software systems and applications. Strong acumen on core business functions like **Online Stocks/Options Trading, Online Banking and** other **B2B web based SOA Applications**.

Managed, engineered and implemented several industry-leading software using **Distributed Computing/SOA platform, Open Source Frameworks** and other new emerging technologies in robust **high-performing, high scalable and high-available** Linux platform.

Result driven, technology professional with extensive experience in retail banking managing web application product development and integration, SME in cash management ACH applications. Design, implement and support application systems for B2B transfers, ACH Payments for Domestic/International ACH Network.

Possess remarkable insight in making critical decisions and risk mitigation strategies at various stages of SDLC. An impassioned and resourceful member of the enterprise who applies people, process and technical skills to not only architect many application software, but also extremely focused on business objectives generating **high ROI**.

**Strengths**

Excellent Problem Solver/Analytic Skills

**Strong technical expertise** in **Enterprise J2EE/Spring/SOA web applications, Enterprise Application Integration (EAI) and Online Trading/Banking Platform**

N-TIER Technical Skills

Software Development **Linux, JAVA**, Waterfall/Agile, **NetBeans**/Intellij IDEA, **Maven**, Subversion/CVS, **J2EE Design** **Patterns**, UML

Business Logic Tier **Enterprise J2EE, JAVA Multithreading, Spring Framework, Apache CXF, JAX-WS SOAP/RESTful** based web services(XML/XSD, JAXB, JSON, XSL), Rules Engine **Drools**, **Test Driven Development** JUNIT, **Cucumber**, slf4j, BEA Tuxedo OLTP Monitor(C on Linux), , Apache Axis, Oracle **SOA Suite 11g**, **WS-BPEL 1.x orchestration**

Web Tier **Servlets, JSP/EL & JSTL, Spring MVC**, Spring Web Flow, in-house MVC-**Tomcat Web Container**, Apache Web Server, JavaScript, AJAX, XSL/XPath, HTML/XHTML/CSS, jQuery, jQuery UI

Data Tier **Sybase**, SQL, MySQL, **Hibernate**, **Spring transactions**, JDBC

Other ActiveMQ, JMeter, AOP, Windows, JMS, log4j, Agile

Education, Achievements, Recommendations and References

**Education/Achievements: Bachelor of Engineering** in Computer Science

“*Rajesh was key person to the success of some of the critical projects at E\*trade .....*”

DIRECTOR, E\*TRADE Financial

**References: Strong References are available upon request.**

Professional Experience

**PRINCIPAL SOFTWARE ENGINEER, Global Tech Inc**

**Client: E\*Trade Financial September 2013 – March 2015**

**Architect, lead and developer, leading** teams in engineering several **financial N-tier web applications.** Main responsibilities wereteam management, application design, development, integration, problem solving and production support.

**Key Projects**

* E\*Trade Open API Platform**:**  The goal of the project was to develop E\*TRADE API's for external clients to build alternative platforms for their customers.

**Responsibilities/Achievements:**

* Provided technology and architectural leadership, managing all phases of the project with rapid development cycles to build RESTful API's using spring MVC for Cash Transfer, Check Deposit and External Account Management applications.
* Introduced and Implemented E\*TRADE’s first Agile Test Automation Framework for RESTful services over Cucumber/Gherkin. This involved building the framework for other developers to use it as tool to build their respective API automation test cases. Designed and constructed 1000+ test cases for various applications. This drastically increased the code quality delivered by the development teams, reduced QA testing and defect resolution cycle times, resulting in on-time delivery
* Managed and mentored a group of application developers, assigned responsibilities, elaborated use cases, managed project schedules, and module targets.
* Mobile Check Deposit**:**   Lead the High visibility, critical project enabling the customers to remotely deposit checks through their mobile devices like iPhone or Android.

**Responsibilities/Achievements:**

* Conceptualized and managed the execution life cycle of the mobile check deposit project including requirements gathering, writing detailed design documents, server side implementation, vendor API integration, workflow process initiation and infrastructure setup and manage the team of developers.
* Managed and resolved poor vendor cooperation and resistance to share information. Assessed the vendor system ability to meet the project objectives and drove the go/no-go decision with the vendor contract.
* Worked in aggressive timelines and many variable moving parameters like Vendor selection, choosing the right framework and technologies for implementation.
* Communicated the detailed design and solution architecture to cross-functional teams like developers, business users, testers, external vendors, and management to deploy the mobile solution.
* Learned on the fly new and home grown frameworks, and hit the ground running as a key contributor by developing core functionality of the application.
* Worked with the concerned teams for the Installation and implementation of vendor software. Identified the potential system integration gaps and worked with the vendor resources to fix the same at their end.
* Proposed and drove the 'unique transaction ID solution' helping to troubleshoot the customer transaction failures improving the business quality of serving the customers.
* Applauded and rewarded for proposing/implementing the Idea to remove the middle layer and going directly with Mitek to take advantage of check image processing solutions. It saved more than 600 K in licensing cost.

**Technology Used:**

* RedHat Linux, Apache/Tomcat Web container, Servlets, **JAVA5/6, Spring MVC**, **Apache CXF RESTful web services, Hibernate**, ActiveMQ, Sybase, Cucumber, Gherkin.

**Lead Consultant, E\*Trade Financial June/2001 – August/2013**

**Key Projects:**

* RSA Security – Cyota Implementation: The goal of the project was to provide fraud detection in real-time based on a customer’s online and account activity profile and present an additional authentication challenge during high-risk transactions. Reduce online fraud by identifying suspicious patterns of usage and allowing for intervention. Increase customer confidence in E\*Trade’s ability to safeguard their financial assets.

Designed and developed Spring MVC Interceptor driven risk framework which present series of challenge pages including OutofWallet questions/OverThePhone authentication to validate high risk customers. This framework design enabled other application owners to add risk mitigation process to their systems easily with less development effort.

* Web 2.0 Framework/ E\*Trade 360: Designed and Developed Banking and Cash transfer application using CXF client and Spring MVC to support widget based framework for "E\*Trade 360" – It’s is a light weight portal developed using jQuery widget framework with the Integrated TIBCO page bus for event communication between widgets.

It’s single page user personalizing dashboard which was awarded the Best Client Dashboard application by StockBroker.com – <http://www.stockbrokers.com/2013-online-broker-review.html>.

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* Cash Transfer: Cash Transfer is a complex system which supports 12 different real-time and schedule transfer types with different frequency modes. It integrates with other heterogeneous systems like RTMM, T++, Workflow, ADP, Sanchez Profile, FDR and FED to process incoming/outgoing transfers.
* Designed and developed the transfer application using internal AF framework. This functionality was primarily supported through multiple gateways - Brokerage/Bank/Credit card/Genie/Mobile.
* Managed and contributed to SDLC of Cash Management Product, from inception up to launching the Product in production.
* Modeled the Cash Movement Business processes workflow in Business Process Model Notation (BPMN) using Oracle SOA Suite, allowing run-time operational visibility of these complex processes by TechOps and BizOps teams.
* Worked closely with business team and provided feedback on product features, gaps and co-ordinate product releases. Identified technology gaps with future product needs and engineered technology capabilities to stay ahead.
* External Account Management: Designed and Developed external account management system which includes add/verify/activate/disable/delete functionality. Built and tested the verification technology using micro deposits through third party Yodlee vendor.
* Bank Online Account Opening: Redesigned and developed existing online bank account opening application process using Spring Web Flow which promotes design principles “DIP, loose coupling and reusability”.
* Accounts Combo: Restructured the entire accounts combo page by providing view driven account summary to customer assets and liabilities. Also improved user experience by adding AJAX feature.
* Cash Optimizer: Designed and Developed Cash Optimizer where customer can use graphical representation to re-allocate/re-invest their money for better interest rate accrual.
* SmartAlerts Complex Event Processing Project**:** Designed and implemented a complex event processing web application in which E\*Trade customers are notified with critical activities such as Stock Price Alerts, Brokerage/Bank account balance monitoring alerts and other security related events.

**Technology Used:**

* RedHat Linux/Sun Solaris, Apache/Tomcat Server, Servlets/JSP/MVC, JAVA1.4/5, Spring MVC, Spring Web Flow, Axis based web services, Hibernate, Sybase, Oracle BPMN, Tuxedo OLTP, Drools, J2EE Design Patterns, jQuery, JQuery UI.

**Responsibilities/Achievements:**

* Promoted to Principal Software Engineer for continued demonstration of exceptional managerial and technical skills and organizational dedication.
* Led a team of onsite and offshore resources, working closely with them to deliver the projects on time.
* Constantly interacted with both business and other development teams to collaborate and provide solutions by paying attention to details for key business initiatives.
* Convinced business users and analysts with alternative solutions that are more robust and simpler to implement from technical perspective while satisfying the functional requirements from the business perspective.
* Produced detailed design documents with design alternatives, pros and cons for each approach and reasons for the recommended approach.
* Analyzed “What if” scenarios and exceptional conditions and made recommendations to fill the gaps identified in the functional specs and detailed design
* Reviewed code and encouraged developers to use key design patterns, such as façade, singleton, factory, proxy, strategy, decorator, etc.
* Provided recommendations on OO design concepts, best practices, exception handling, and identifying and fixing potential memory, performance, and transactional issues.
* Conducted interviews and made recommendations for hiring Java/J2EE professionals.
* Initiated and facilitated agile development methodologies, which not only improved the communication and cooperation between business owners and the developers, but also reduced the delivery, lead time.

**SOFTWARE Engineer, Wipro Technologies March/2000 – May/2001**

FAMIS Project: New Heights is a FAMIS (Family Assistance and Management Information System) system. This is automating welfare program for Department of Health and Human Services, NH State. New Heights is a three tier architecture project where the clients are windows-NT terminals and the Server is ES-9000 mainframe range computer. It has Power Builder as its front-end and DB2 as its back.

**Responsibilities/Achievements:**

* Designed and developed the FAMIS system using Mainframe technologies.
* Handled difficult customers.
* Received a customer service award
* Trained new recruits and provided assistance.
* Valued the team effort and provided mutual support.