Sriram Rajendran

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**PROFESSIONAL SUMMARY** –

* 8 years of Software development experience in object oriented programming, design and development of Multi-Tier distributed, Enterprise applications using Java and J2EE, JSF technologies with Software Development Life Cycle.
* Extensive experience in the Analysis, Design, Development, Implementation and Testing of enterprise application with web technologies, distributed technologies and client-server architecture environment with strong understanding and working knowledge in Object Oriented Concepts.
* Developed Web Application with Full Software Development Cycle (SDLC) from Design to Deployment.
* Experience in Designing & Developing user interface screens using Angular JS and HTML. Used JavaScript, Core Java, CSS and JQuery for further support
* Good understanding of spring’s IOC, AOP, Spring MVC, Boot and spring's integration with Hibernate and Struts technologies.
* Have graduated and completed four years of Bachelor’s degree and two years of Master’s degree from Anna University and University of Texas at Dallas in Computer Science Field.
* Created test cases, executed test plans for scheduling application from scratch in Quality center.
* Responsible for reviewing the test plans and test cases before the application goes live.
* Deployed/supported applications on Application / Web servers like Apache Tomcat.
* Automated builds of jar files and, development documentation and training, data import, export and conversions.
* Working experience as a senior developer with complete ownership of end to end deliverables including requirement gathering, analysis, design, development, testing, launch and post production support.
* In depth knowledge in implementing Design PatternsJ2EE patterns including Session facade, Business Delegates, Singleton, Factory, Service locator, Resources, Value Object and DAO pattern.
* Involved in the key roles of the Software Development Life Cycle in different projects.
* Experience in working in different IDEs like Eclipse, IntelliJ IDEA, RAD (Rational Application Developer), RSA (Rational Software Architect) and Netbeans.
* Expertise in Version control management like SVN, GIT and involved in deployment of software from start to finish**.**
* Excellent problem solving, analytical, interpersonal and communication skills. Ability to work in-groups as well as independently with minimal supervision. Ability to learn new languages and Tools quickly.
* Experience in creating Use-Case Diagrams, Class Diagrams, and Sequence Diagrams inUML**.**

**TECHNICAL SKILLS-**

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| **Languages** | Core java, C, C++, J2EE,JSP, JSF 2.0, Servlets, Struts, Spring, PL/SQL |
| **Databases** | Oracle 9i,MS SQL, SQL Server |
| **IDE Tools** | Eclipse, NetBeans, IntelliJ IDEA, MS Visio, IBM Rhapsody |
| **Web Technologies** | HTML, XML, XSL, JavaScript, CSS, AJAX,DOM Parser, Log4j |
| **Scripting Languages** | Java Script, JQuery, Angular JS |
| Application Servers | Tomcat Server, JBOSS, IBM WebSphere |
| **Operating Systems** | Windows 7, Vista, XP/2000/NT/98/95, UNIX, LINUX |
| **Other Tools** | JUnit, Qunit, SVN, GIT, Maven, Jira, Jenkins, Crucible, Quality Center |

**PROFESSIONAL EXPERIENCE -**

**CERNERCORPORATION, SoftwareEngineer,Kansas Sep2013–May 2017**

**Revenue Cycle** - which is used to manage the daily tasks in any location where care is provided to patients without the admission of those patients to a hospital. Such settings include physician offices across all specialties and hospital settings where care is provided on an outpatient basis. Revenue Cycle is used to manage registration, patient accounts, and scheduling appointments.

**Responsibilities-**

* Implement patient appointment views using HTML, JQuery Widgets, JavaScript and CSS.
* Develop Eclipse based RCP Java application, using SWT Browser to load the user interface developed using JQuery Widgets and Terra.
* Used JSF framework in developing user interfaces using JSF UI Components, Validator, Events and Listeners.
* Using JDBC to connect and access the database, Using WSDL to interact with service APIs exposed by other departments.
* Responsible for all type of validations in the scheduling application.
* Used Firebug, Fiddler and chrome debugger to inspect, edit and monitor CSS, HTML, JavaScript.
* Preparing automation test cases and execution in Quality Center.
* Preparing Manual test cases and execution.
* Responsible for Preparing Documents and wikis of technical designs and development strategy.

**Technical Environment-Core Java, JSF 2.0,JUnit, Oracle Web Sphere Application Server 7, HTML, CSS, JavaScript, QUnit, JQuery, JQuery UI, JAX-WS, Quality center**

**Power Chart –** is the application used to access the electronic medical record. Each person’s access will depend on the professional role of the user and includes orders, document management and others. The power chart orders are designed to optimize the ordering process for providers. This solution makes it easy for providers to search for an order and place it using a few simple steps. The orders can be easily modified and saved to the provider’s favorites.

**Responsibilities-**

* Developed a Java application using REST API, Nexus API and Jersey Client to extract dependencies present in Medical Orders.
* Collected the order detail information and populated into the database.
* Designed and developed UI screens with XSLT and JSF (MVC) to provide interactive screens to display data.
* Involved in UI side for JSF upgrade 1.2/Facelets/RichFaces 3.3 to 2.0/Facelets/Richfaces3.0.
* Developed codes to wrap and un-wrap JSON – data format of HTTP request and response.
* Involved in designing and altering the tables.Test data and environment preparation for unit testing of various components layer.
* Used Maven to automate build process compiling and build the application.
* Used Log4J for logging Purpose.

**Technical Environment – Core Java, JSF 2.0,Rich faces 3.3/4.0, Primefaces1.1, Web sphere Application Server 7, JUnit, Oracle, REST API, Nexus API, XML, JAX-RS**

**Clients – Memorial Hermann, Health Quest, Health South**

**Code Review Generating Internal Tool** - Worked on the development of “Code Review Generating Tool” using Java. This tool helps the instructors/managers to support the grading process. It stores the code submitted by the engineers into github and instructors can differentiate what code was written by the engineer and what wasn't. For each review, the code submitted by the engineers is compared against any base code provided by instructors.

**Responsibilities**-

* Agile – Scrum development methodology was adopted with maximum code coverage and continuous integration using toolssuch as Maven, Jenkins, Git, Crucible and Jira.
* Developed a Code Review generating internal tool for managers and peer engineers to review easily.
* Test data and environment preparation for unit testing of various components layer.
* Setting up Git, Maven, and Eclipse and system configuration for new hires that join the team.
* Used Log4J for logging Purpose.

**Smart Home Automation System - (Java, IBM Rhapsody)Jan 2013 - May 2013**

**Client – University of Texas, Richardson, Texas**

To control and monitor all smart home appliances, devices and to provide a unified point of access to the user and suggest usage patterns in order to increase the energy efficiency and to ensure home security.

**Responsibilities** -

* Developed SHAS to control and monitor all appliances from a unified point of contact.
* Developed data reports regarding power usage, water and electricity consumption.
* Creating Use-Case Diagrams, Class Diagrams, Sequence Diagrams in UML.
* Designed an SHAS application following the OOAD principles and concepts.
* Documentation of technical designs, sequence and workflows in various scenarios.

**Technical Environment – Core Java, JUnit, Oracle, Git, IBM Rhapsody, XML**

**ECOMINC,WebDeveloper,Dallas, TexasJuly 2012–Dec2012**

**ECOM’s global operations** rely on its extensive knowledge and experience in supply chain improvement, risk management and client-focused distribution to create a valuable and sustainable supply chain, starting from the local farmers and their communities through to the world’s leading finished-product manufacturers.

**Responsibilities** -

* Developed web pages for tracking employee logins and setting privileges based on their roles.
* Developed data reports regarding site permission, administration and permissions.
* Developed ECOM social networking websites taking into consideration the project requirements and ECOM branding.
* Extensive usage of SQL Developer to create, inserts, update and delete backend database tables.
* Participate in design and development of web pages according to web standards.

**Technical Environment- HTML, CSS, XML, Weblogic 9.1**

**Client – University of Texas, Richardson, Texas Sep 2011 - June 2012**

Building an index from text file and software testingverification and validation of a product with functional and non-functional testing.

**-B+ Tree Implementation - (Java)**

The implementation involves building an index from a text file containing data and creating an index, finding a record, insertion of new record, listing sequential records, modifying the index options and creating a hash index.

**Technical Environment – Core Java, JUnit, Oracle, Git, XML**

**-Software Testing, Verification and Validation - (Java, JUnit):** Project involved performing functional and non-functional testing using code coverage metrics in the phase one and Implementing regression and mutation testing in the phase two.

**Technical Environment – Core Java, JUnit, Oracle, XML, Maven, Git, Jenkins**

**IC&SR-IIT Madras, Project Associate, Chennai Jun2009-Jul2011**

**NPTEL** is an acronym for National Program on Technology Enhanced Learning for creating course contents in engineering and science as web and video. The course materials are made available in web and video which improves the quality of the students, teacher training.

**Responsibilities** -

* Created, tested and updated the web pages for the various subjects in NPTEL Departments using Java.
* Involved in bug fixing and in the enhancement of the scripts and solved critical issues in the production.
* Collaborated with the other interfacing teams who are affected by the changes and also the teams that have effect of the tracking module.
* Used Maven to generate EAR file and install it in application server.
* Interacting with the QA, architectures, BAs, in order to understand the User Stories.
* Performed complete application life cycle functions (SDLC) from conception to final release to users including design & analysis, Implementation, Testing, Deployment and Maintenance.

**Technical Environment – Core Java, JUnit, Maven, HTML, CSS, XML, AJAX**

**Client – Ministry of HRD, New Delhi**

**EDUCATION-**

**Anna University, Chennai, India**

Bachelor of Engineering in Computer Science **Aug 2005- April 2009**