**Vamshi**

**Summary**

* Over 8 years of total IT Professional experience in Analysis, Design, Development, and Testing of Client/Server, Web enabled Business Applications, e-commerce applications using core Java and J2EE.
* 4 years of experience in developing and implementing web applications using **Java**, **J2EE**, **JSP**, **Servlets**, **EJB**, **Spring**, **JDBC**, **HTML**, **JavaScript**, **CSS**, **XML**, **AJAX**, **JNDI**, **Hibernate**, **SOAP**, **Web Services**, **AXIS**.
* 3 years of experience in developing responsive GUI / Front End Components with **HTML5, Angular JS, Bootstrap, JQuery.**
* Expert in various aspects of User Experience fundamentals – Requirement Analysis, User Profiling/Grouping, Personas, Task Analysis, Wireframes, Prototyping, Usability Testing.
* Senior software craftsman featuring expertise in Ruby on Rails, web frameworks and other programming languages, a passion for Web 2.0 trends
* Experience in implementing various design patterns such as **Factory, Builder, and Data Access Object, Session Façade, Business Delegate** and **Singleton** patterns.
* Experience in all phase of **Software Development Life Cycle** (**SDLC**) that includes User Interaction, Design, Development, Implementation, Integration, Documentation, Testing, Deployment, Builds, Configuration and Code Management, Production/Customer Support, Maintenance, Enhancements and Quality Control of Web Applications.
* Experience in PrimeFaces 5.3 components suite.
* Involved in implementing **MVC** (Model View Controller) framework using **Struts** and **Spring Framework**.
* Develop HTML prototypes and UI deliverables, such as wireframes, flowcharts, screen mock-ups, and interface design specifications.
* Experience in developing and deploying web applications in Application servers like **Web Sphere Application Server 4.0/5.1,** and **BEA Web Logic Application server 7.0**/**8.1,JBOSS** and Web servers like **Apache Tomcat**.
* Experience and knowledge in writing SQL Queries, Stored Procedures and Triggers in databases viz. **Oracle 8i/9i/10g/11g, SQL Server 2000, DB2 UDB**.
* Experience in Object Oriented Design, Analysis and Modeling, creating **UML** models and diagrams using **Rational Rose** and using them in Rational Unified Process.
* Experience in using IDE tools such as **Eclipse, IntelliJIDEA, NetBeans, WSAD, RAD 6.0/7.0/7.5/7.5.5**.
* Hands on experience in **JDBC** and creating **Data Source** to communicate the **Database** through **SQL**
* Used Tag libraries, **ANT** and **Log4j** to increase productivity and software quality.
* Experience with **RDBMS** concepts and in writing Queries, Functions, Triggers, Stored Procedures, Cursors and **PL/SQL** Packages.
* Experience in software testing, regression testing, defect tracking and management using different tools such as **Jira** and **SBM**.
* Experience in developing unit test cases using **EasyMock**, **PowerMock** and **Mockito.**
* Experience with Version Control systems such as **SVN**, **GIT** and **ClearCase**.
* Experience in working with **Agile** /**Scrum** project methodology.
* Flexible, self-motivated, enthusiastic and project oriented team player with solid communication and written skills to develop creative solution for challenging client needs.

**Technical Skills**

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| --- | --- |
| **Programming Languages** | Java, C, C++, SQL, PL/SQL and Scala. |
| **Java Technologies** | Java 1.4 and Higher, JMX, JDBC, Multi-Threading, TCP/IP socket based applications |
| **J2EE Technologies** | JSP, Servlet, JSF, EJB, JMS, JSTL, EL, JNDI, JTA, LDAP |
| **Frameworks/ Libraries** | Struts 1.2, 2.0.9, Spring MVC, Ruby, Ruby on Rails, Hibernate, Aegis, Apache CXF, Junit, Log4j, Apache Velocity, Node.js, Play, Spray. Web Services using JAX-WS in Spring, Digester, Bootstrap, JSP 168 Portlet etc. |
| **Tools** | CVS, SVN, SOAP UI, Star UML, Rational Rose Designing Tool, Altova XML Spy. |
| **Design skills** | **OOPS**(Object Oriented Programming Structure), **AOP**(Aspect Oriented Programming), Design by Contract, **GOF**(Gang Of Four) design patterns, **JEE, EJB** design patterns and **UML** |
| **Design Patterns** | **MVC** (Model-View-Controller), **DAO** (Data Accesses Object), Singleton, Factory, Adapter, JMS Bridge. |
| **Message Oriented Middleware** | Web methods 7.1 product suite including Developer, Trading Network, MDB (Message Driven Beans), JMS(Java Messaging Service) |
| **Build Tool** | Maven2,Ant |
| **Program Tools** | RAD 7.5.3, Eclipse 3.2 and Higher, IntelliJIDEA IDEA, NET BEANS, Toad, WSAD, workshop, Web Storm, JBuilder. |
| **Web Technologies** | HTML, JavaScript, CSS, AJAX, JQuery and DOJO |
| **Version Control Tool** | Tortoise SVN, CVS, VSS, IBM Synergy, Perforce |
| **Application Servers** | Web Sphere 6.1/7, JBoss 5.0.1 and 7 |
| **Web Servers** | Apache Tomcat 5.5 and above. |
| **XML/HTML** | XML, DOM, HTML, CSS |
| **RDBMS/Query Tools** | SQL, PL/SQL**,** Oracle 9i/8i, SQL Server2000, MySQL. |
| **Protocols** | SOAP, HTTP,HTTPS,SNMP,SMTP and TCP/IP |
| **IDE** | Edit plus, Eclipse, Spring Tool Suite, RAD, Dreamweaver. |
| **Management Tools** | Putty, Argo UML, Win Merge, MS Visio, IBM Rational |
| **Data Quality Tools** | Data Flux, IBM Data Stage. |
| **Scripting** | JavaScript Embedded JS, Perl. |
| **Deployment and versioning:** | Kintana, PVCS, Artifactory, CVS, SVN, GIT. |
| **Operating Systems** | Windows XP, Windows 2000, MS-DOS, UNIX. |
| **Other** | SOAP Web Services, RESTful Web Services, HTML5, CSS3, Ajax, XML, XSD, XSL, XSLT, XSL-FO, WSDL, JAXP, Xalan, Xerces and Jasper Reports. |

**Professional Experience**

**Crown Castle, PA**  **Mar 2015 –Till Date**

**Role: Sr. UI Designer**

**Description:** Supplier receives email invitation from GSM with URL link to navigate to Invoice express public page. (Manual effort).Supplier clicks icon on home page to enter Invoice Express. Manually inputs invoice data, Attaches PDF invoice and Accepts terms of use. Completes security captcha. Pushes the submit button. A confirmation page of successful submission is presented to the supplier .Upon submission validation, Supplier receives email confirmation of “invoice submitted successfully and is now pending approval” **OR** “invoice undeliverable” email. Here is the link go re-submit. During invoice approval process, email sent to Supplier if invoice gets rejected (including partial rejections) Supplier is notified after the invoice is approved.

**Responsibilities:**

* Involved in development and finalization of initial design of the application and worked with content Managers, copywriters and designers to resolve the issues.
* Developed User Interface and web page screens for various modules using Html, CSS, JavaScript, and AJAX and **Angular JS**.
* Develop HTML prototypes and UI deliverables, such as wireframes, flowcharts, screen mock-ups, and interface design specifications.
* Develop consumer based features and applications using Ruby on Rails, JavaScript,
* Communicated with the business partner and settled down the business requirements.
* Analyzed business requirements and prepared for the Project Design and Plan Document.
* Adding PrimeFaces library and related dependencies to our project.
* Responsible for front-end UI design using **HTML5, CSS3, JavaScript, JQuery**, JQuery plug in, etc.
* Implemented MVC framework in order to use AngularJS.
* Identified user needs and business requirements and communicated design deliverables, such as specifications, templates, storyboards, wireframes, and mock-ups.
* Defined all **AngularJS controllers** in a JS file and reused in various pages of application.
* Implemented Angular service calls using Angular Factory.
* Implemented Angular Directives to make customized components.
* Developed data insertion forms and validated them using JavaScript.
* Applied multiple built-in Directives such as **ng-model, ng-click into AngularJS** application.
* Design and build **Ruby on Rails** landing page platform.
* Developed an interface to seamlessly combine the new module with their login system by using AngularJS framework.
* Took advantage of the responsive utilities of **Bootstrap** framework to ensure the web page displayed properly on different devices, including desktop, laptop, tablets and smart phones.
* Streamlined the **Responsive Web Design** to enhance the User Experience and developed designs for the prototypes for the Mobile UI.
* Used JQuery to traverse through a DOM tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using JQuery framework.
* Used **JQuery plug-in** for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Implemented **AJAX** for better user experience by dynamically providing Asynchronous request and response communication between the client and the server.
* Used **SVN as version control** tool to update work progress with other team members.
* Designed various multiple styles with colors, fonts, backgrounds in CSS
* Actively participated and provided feedback in a constructive and insightful manner during daily and weekly iterative review meetings to track the progress for each iterative cycle and figure out the issues.
* Ensured site design integrity and quality control consistency throughout the project's lifecycle.

**Environment:** Angular JS ,HTML5, CSS3,  Bootstrap ,Node JS, Ruby on Rails JavaScript, jQuery, AJAX, SVN, SQL ,JSON, Microsoft Asp.Net MVC, JSON, RESTFUL web services, Visual Studio 2010.

**Merck, PA May 14-Feb 15**

**Role: J2EE/UI Designer**

**Project Description**: Merck, through its subsidiaries, provides medical coverage and care services to residents in USA and Canada. It offers coordinated-care plans for groups and individuals; Clear Care, Medicare advantage plans; and plans for residents who qualify for healthy options (Medicaid), basic health, and the state children's health insurance plan.

# Responsibilities:

* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
* Involved in creating HTML 5 templates.
* Designed the front end applications, user interactive (UI) web pages using web technologies like HTML5, XHTML, and CSS3.
* Developed hundreds of features in an agile environment using Ruby on Rails, HTML, CSS and JavaScript.
* Personas, user scenarios, UX specs, task flows, wireframes, site maps, storyboards, taxonomies, task flows, wireframes, mockups, prototypes, localization, accessibility, visual design and design patterns.
* Wrote application level code to perform client side validation using jQuery and JavaScript.
* Defined new validations through AngularJS for the form field validation implemented through HTML5.
* Learned Ruby on Rails, business rules, SEO and other advanced tools.
* Using advanced level of jQuery, AJAX, JavaScript, CSS and pure CSS.
* Developed custom directives, factories and services in AngularJS.
* Maintain the code base by frequent updates to revision control using SVN.
* Structured the JavaScript code using AngularJS.
* Implemented various $scope methods $watch (), $digest () and $apply () in order to implement two way data-binding by using AngularJS.
* Designed various Services and factories by using AngularJS.
* Implemented various routing mechanisms in the webpage using AngularJS.
* Responsible for checking Cross Browser Compatibility of different elements and tags hence worked on different browsers like Internet Explorer, Google Chrome, Firefox, Opera, and Safari.
* Involved in Agile process, two week Sprints, and daily Scrums to discuss the development of the application.
* Co-ordinate with QA for testing, Production releases, Application deployment and integration
* Production deployment and validation support.
* Fixing the post production issues in the application.

**Environment: JavaScript , HTML5, CSS3, AngularJS, jQuery,** **Ruby on Rails Adobe Photoshop, AJAX, Jasmine, Web services, MVP, XML, XSLT, CVS, MySQL, Oracle 11g, Agile Methodology, Windows.**

**MoneyGram, Minneapolis, MN Jan 13 – Apr 14**

**Role: J2EE/UI Designer**

**Description:** ERIC Project achieves the objective to implement a modernized system for processing unemployment compensation taxes. The system efficiently accepts reporting, bill employers, payment and process refunds.

Department of Job and Family Services, Office of Unemployment Compensation, Bureau of Unemployment Compensation Tax (UC Tax) administers the tax and wage record provisions. UC Tax is seeking to implement a modernized system for processing unemployment compensation taxes to effectively and efficiently accept reporting, bill employers, accept payments and process refunds, collect monies due, track employer records, assure employer compliance with the law, and provide customer support to assist employers in meeting their legal obligations. While a current system exists (mainframe system which was designed in the 1970s), it is inefficient in both business process and system operation.

A key objective of this modernization effort is not only to implement an improved system but also to implement the new system inside an improved business operation. The modernized system will facilitate the efficient and timely cashiering of State Unemployment Tax Administration (SUTA) payments, maximize interest earnings and enhance the integrity of the trust fund.

**Responsibilities:**

* Gathered the requirements and updated the design document.
* Extensively involved in preproduction defect fixing.
* Impact Analysis of new enhancements on exiting implementation.
* Implemented web-based application using **JSF** frame work.
* Utilized the components of PrimeFaces libraries.
* Extensively worked in **EJB 2.1.**
* Designed personas, workflow, wireframes and other artifacts for a high-profile quote generation application
* Developed a web Application Using UI technologies like **HTML5, CSS3**.
* Extensively involved in writing the **SQL** queries as per the business requirements.
* Developed **Stateless Session beans** and **Entity Beans** for implementation of the persistence layer.
* Used **Factory**, **Singleton**, **Session Façade**, **Business Delegate** and **DAO**Patterns.
* Resolved the data loss issue while communicating **PUP** and **ERIC** Systems through web service.
* Developed services which involved both producing and consuming web services (**WSDL**, **SOAP** and **JAX-WS**). Also published the **WSDL** to **UDDI** registry using the **SOAP** architecture.
* Involved in resolving the session issues in the Application.
* Created Single page web application frame work using **Angular JS** and **HTML.**
* Used Logging Mechanism for capturing and logging error, info and debug messages and related information using **log4j**.
* Performed Extensive Exception handling mechanism for handling errors and exception conditions in the application.
* Used Value Objects as a design pattern so that the client makes a single remote method invocation to the enterprise bean to request the Value Objects.
* Used **MDB** for consuming message and process message.
* Worked on **Hudson** **build tool** and deployed the build in **Hudson**.
* Developed spring security authentication for primary logging.
* Involved in **ODJFS** Client meetings to gather the Business requirements for the application.
* Involved in **Unit** **Testing**, **Integration box**, **User Acceptance Testing**.
* Used Dimensions as the version control system and defect tracking respectively.
* Involved in the configuration of **Websphere 6.1** Application server and application deployment.

**Environment: Java, JSP, Angular JS, Java Script,** **Ruby on Rails HTML5,CSS3, JSF, SWT, EJB 2.1, Session/Entity Beans, MDB, JDBC, JAXB, Web Services, SOA, SOAP, WSDL, UDDI, XML, DB2, IBM MQ Series, IBM WebSphere Portal 6.0, WebSphere Application Server 7.1, RAD 7.0, Data Studio, Dimensions, Spring security, Hudson.**

**California Department of Social Services (CDSS), Sacramento, CA Feb 12 – Nov 12**

**CDSS Hearings and Appeals Management System**

**Role: Java Developer**

**Description:** The CDSS Hearings and Appeals Management System is an application used by California State Benefits Hearings Division Staff and Hearings officers. This application allows California State Benefits Hearings Division Staff to create, manage and schedule appeals based on the complaints received either by notice or phone call on the welfare program benefits issued to clients. This application also allows issuing Hearings Divisions Notices of appointment information and Hearings officer's Decision orders on the appeals.

**Responsibilities:**

* Involved in gathering the requirements and documenting design specifications and designing use case diagrams **TogetherJ**.
* Implemented **MVC** architecture using **Spring Framework**.
* Developed **Web User Interface** screens using **JSP**, **Servlet**, **JavaScript**, **CSS**, **JSTL**, **Custom tags**.
* Developed **Stateless Session Beans** to encapsulate the business.
* Developed **Business Delegate** classes for minimizing the tight coupling between Presentation tier and Business tier.
* Dynamic validations are done using the **AJAX** and **JQuery** .
* Implemented the persistence layer using the **Hibernate**.
* Implemented the persistence classes using the **Hibernate** and Mapping has done using the Hibernate.
* **Clear case** is used to version control the application software.
* Implemented nightly batch job for processing the Hearings Decision notices.
* Involved in the configuration of **WebSphere** Application Server and application deployment.
* Implemented the **sql's**, **stored procedures** and **functions** in database.

**Environment:** **Java 1.4, EJB 2.1, Spring, Hibernate, JSP, JSTL, JavaScript, CSS, AJAX, JQuery XML, JNDI, Log4j, WebSphere Application Server 7,, Ant 1.6, Oracle 10g, Clear case.**

**CISCO, Bangalore, India Aug 2009– Dec 2011 Role: Java Developer**

**Project description:** Vendor Specific Objective Evidence (VSOE) is a method of Revenue recognition allowed by US GAAP that enables companies to recognize revenue on specific items on a multi-item sale based on evidence specific to a company that the product has been delivered. It allows CISCO that sell items that have software licenses, support contracts and hardware items recognizing the revenue of the hardware items on delivery, and the software license or support contract based on the fulfilment of the time the contract it is related to.

**Responsibilities:**

* Designed **class diagrams**, **sequence diagrams** and **high-level** technical documents.
* Created **Spring web services** to interact with **mainframe** and **Java** web applications
* Involved in **documentation**, **review**, **analysis** and fixed **postproduction** issues.
* Involved in migrating the systems from **Mainframe** to **Java** technology with **UML** diagrams
* Created **ANT** and **Maven** builds.
* Implemented **SSL** encryption and created **security** certificates for the web applications in **Web sphere** server
* Worked on **bug fixing** and enhancements on change requests.
* Sole responsible for full **life-cycle** application **development** and **deployment.**

**Environment:** **Spring web services, Hibernate, SOAP, Spring Batch, log4j, DB2, Web sphere application server, J-Unit and Eclipse.**

**Deutsche Bank, Bangalore, India Aug 2007 – July 2009**

**Java Developer**

**Project description:** Single Price conformity (SPC) is the FOREX Domain enriched application and is to achieve the processes to capture, verify and query end-of-day prices from Different sources to obtain single and golden Price for the Day for that particular Instrument. To facilitate the objective of SPC there is a system developed so called Pace Verification Server (PVS).

* Developed the web application in client owned custom **MVC** framework.
* As a **Defect preventive Representative** (DPR) involved in controlling and monitoring the defects through periodic team meeting
* Created Java utility for **Star team** version control **auto update**.
* Created Java utility to generate **dynamic** excel using **Apache Poi**.
* Created automated utilities to perform scheduled background processes.
* Involved in data mining based on client requirement.
* Wrote **SQL** queries / stored procedures as per the business requirement.
* Coded the **JSPs, Actions, Business classes** and **DAO** layer.
* Involved in testing of the enhancements.
* Significant role in the performance improvements of the applications
* Prepared and executed the **Unit Test Cases** for the responsible modules, coordinates with onsite/offshore testing team during Integration/Regression Testing.
* Resolved production support Cases for Java applications within the **SLAs.**
* Showcases very good communication skill and professional ethics while interacting with the clients.
* Provided effective **KT** to the new joiners as an **SME**.

**Environment:** **Custom MVC, SOAP, JSP, Servlets, J-Unit, log4j, DB2, Web sphere application server, Star team, Web sphere application developer.**

# Educational Qualifications:

* Bachelor of Technology major computer science, JNTU, Hyderabad, India