**PRATHIMA KETINENI**

Email: **nprathima1982@gmail.com**

Contact: 281-587-1970

**Professional Summary**

* Over **8+** years of extensive experience as a Front End UI Developer with solid understanding of database designing, development and installation of different modules.
* Experience in all phases of **Software Development Life-Cycle (SDLC)**, which includes User Interaction, Business Analysis/Modeling, Design, Development, Implementation, Integration, Documentation, Testing, and Deployment.
* Expert in developing User Interface (UI) applications and professional web applications using **JavaScript, HTML5 /DHTML, DOM, XHTML, JQuery, CSS3, Ajax, JSON, JSP, SVG, Bootstrap, Angular JS**, **Backbone JS**and **Responsive design**that follows **W3C** Web Standards and are browser compatible.
* Expertise in building strong websites confirming Web 2.0 standards using **Yahoo User Interface** (**YUI**) framework, **JQuery**, **HTML**, **XHTML**, **DHTML**&**CSS** to develop valid code and table-free sites.
* Expertise in creating the pages using **CSS** webpage layouts and vast knowledge in usability and accessibility concepts.
* Experienced Mode View Controller framework such as Angular JS framework for creating **Single Page Application (SPA).**
* Profound knowledge in **Angular JS**concepts like **Dependency Injection, Promises, Services, Scopes, Controllers** and **Directives.**
* Good knowledge in **Facebook React JS, Ext JS and Require JS**.
* Experience in using **Alerts, Navs, Grids, Panels, Buttons, Media Objects** and **Progress Bars** provided by **Twitter Bootstrap framework.**
* Good understanding of **Document Object Model**(DOM) and DOM Functions.
* Familiar with Spring and Hibernate Java API’s.
* Proficient with **Adobe Photoshop, Illustrator &**Dreamweaver**, MS FrontPage, Microsoft Visual SourceSafe, Macromedia Home Site.**
* Expert in designing web applications and web contents utilizing various **Search Engine Optimization (SEO)** techniques.
* Experience in using various tools and IDEs for development and design like **NetBeans, Edit Plus**, **Notepad++, Adobe Photoshop, and Dreamweaver.**
* Expertise in designing and developing **User Experiences** for Web Applications using Web Authoring tools such as **Adobe Dreamweaver CS3, Adobe Illustrator, Adobe Flash.**
* Extensive experience in creating style guides, best practices and setting **UI standards** for enterprise/consumer applications.
* Expertise in analyzing the **DOM Layout, Java Script functions, Cascading Styles** across cross-browser using **Fire Bug, Developer Tool Bar.**
* Excellent experience in **Restful Web services** and **Big Web service** development and consumption using **(JAX-RS and JAX-WS).**
* Experience with Version Control tools like **CVS, SVN and Git**for Source Code version management and merging Source code after intermittent Project releases.
* Experience in Agile development **(TDD and SCRUM)** methodologies.
* Good in communicating with clients, customers, managers and other teams in the enterprise at all levels.
* Effective problem solving skills, outstanding interpersonal skills, good in written and verbal communication. Ability to work independently as well as within a team environment. Driven to meet deadlines. Motivated to produce robust, high-performance software.

**Technical skills**

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| --- | --- |
| Programming Languages | C, C++, Java/J2EE, JavaScript, SQL. |
| J2EE Technologies | Servlets, JSF, EJB, JDBC, Spring 3.0, RESTful Web Services, JAX-RS. |
| ORM Tools | Spring, JDBC, Hibernate, JPA. |
| Web Technologies | HTML, CSS, XML, JavaScript, JSON, AngularJS, jQuery,Knockout.js,Backbone.js. |
| Database Technologies | MySQL, Oracle, SQL Server, Stored Procedures. |
| IDE’s & Development Tools | JIRA, Maven, Eclipse, JBuilder, NetBeans, Junit, Log4j, Dreamviewer, JsFiddle. |
| Web Application Servers | Apache Tomcat, J-Boss, WebLogic, Glass Fish, WebSphere. |
| Design Patterns | MVC, Singleton and DAO. |
| Source control | ClearCase, SVN, Git, CVS |
| Software Engineering | UML, Design Patterns, Object Oriented Methodologies, Test Driven Development, Scrum and Waterfall methodologies. |

**Education**

Bachelor’s degree in computer science engineering from GNITS.

**Work Experience**

**Invesco, Houston, TX April 15 – Till date**

**Role: UI Developer**

**Project Description:**

**Invesco is a diversified Financial Services firm, provides various Financial Services to institutional investors and small to mid-sized businesses in the United States. It provides a variety of Services and investment products. The project was part of the Portfolio Performance Attribution System (PPA), which was developed Using Spring/Hibernate FrameworksUsing Stored Procedures/Triggers/Functions using SQL specifically to support Wealth Advisory Service(WSA) to clients on Asset Projections, stock option models, Portfolio Rebalancing, Investment Holdings, Liquidity needs and future goals.**

**Responsibilities:**

* Involved in **SDLC** Requirements gathering, Analysis, Design, Development and Testing of application developed using **AGILE** methodology.
* Designed and Developed User Interactive (UI) of Web pages with the help **of HTML5, CSS3, JavaScript**, **JQuery, Bootstrap** and **AJAX**.
* Designed and developed User Interface Web Forms using Adobe Flash, **CSS**, Dreamweaver, and JavaScript.
* Implemented Presentation layer using CSS Framework, **knockout.JS**, Wire-framing, **HTML5**.
* Designed dynamic client-side **JavaScript** codes to build web forms and simulate process for web application, page navigation and form validation.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using **Angular.js, Backbone.js** and **JQuery**.
* Used backbone.js **MVC** Frameworks in the development of the web applications.
* Unit testing was performed using JUnit and Version control through **Git.**
* Involved in Enhancement of existing application utilizing **JSP**, Created HTML navigation menu that is role based menu items changes dynamically, derived from the database in the form of **XML**.
* Developed a fully functional prototype application using JavaScript (**jQuery and Backbone.js**) and **Bootstrap**, connecting to a **REST-full** server on a different domain.
* Created pages in Site Core and validating the HTML code withW3C Validator.
* Used XML Web Services using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
* Involved in writing various **SQL Queries** and **PL/SQL** stored procedures to satisfy various business requirements of the application.
* Responsible for cross browser compatibility and hence exposure to popular browsers.
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles.
* Involved in development of presentation layer using JSP and Servlets with **Eclipse IDE**.
* Used hibernate in conjunction with Spring functionality to implement Object-relation mapping in the persistence layer.
* Involved in injecting dependencies into code using Spring core module.
* Developed web-based customer management software using Spring and web services.
* Created configuration files for **spring** and **Hibernate**.
* Used Spring Framework for Dependency injection, security features and integrated with the Hibernate framework.
* Developed the helper classes for better data exchange between the **MVC** layers.
* Used Spring, **JSP, Ajax** and Html to develop the web-tier.
* Worked with **Log4J** for logging purpose in the project.
* Deployed applications as archived files and as exploded archive directories.
* Developed web services using **SOAP, WSDL** and Apache Axis which helped communicating through different modules of the application and for getting required information from third party.
* Configuring **Apache** Axis in Eclipse and generating java classes from WSDL.
* Deployed the complete Web applications in WebSphere Application server.
* Used MAVEN tool for building and packaging the application.
* Used **CVS** for code repository and as a version control mechanism and ClearQuest 2003 for bug tracking.

**Environment:** Java1.5, J2EE, Servlets, JSP, Spring, CSS, Bootstrap, Knockout.js, backbone.js, Dreamviewer, Tiles, Log4J, MAVEN, Hibernate 3.0, Web services, Apache AXIS, JMS, WebSphere6.1, Oracle 10g, Eclipse 3.4, AJAX, Junit, HTML, Linux, CVS.

**Avaya, Santa Clara, CA Sep 14 – Feb 15**

**Role: UI Developer**

**Project Description:**

**CRM Online - Avaya is a provider of Internet telephony, wireless data communications through voice and data networkcommunications (broadband, VoIP, MPLS), and managed services (virtual servers, managedfirewall, data storage, cloud-based voice, etc.), to business in United States. The company also offersresidential broadband. Customer relationship management Online is an application developed for online viewers.CRM online is a Java web based customer portal that is used for bill viewing / payment andother customer self-service features. The capabilities in CRM online vary based on what systemthe customer is billed out of and provisioned out of.**

**Responsibilities:**

* The Web application has been developed using **RUP (Rational Unified Process)** which is based on **OO** analysis and design, use case driven, automated testing, build and continuous integration of code.
* Interact with clients to understand their needs and propose design to the team to implement the requirement.
* Done the design, development and testing phases of Software Development using scaled **AGILE methodology with Test Driven Development (TDD)** and Pair Programming.
* Created Use Case, Class, Sequence diagrams and also in complete development, testing and maintenance process of the application using **MS Visio** tool.
* Responsible **for analysis, design, development and integration of UI components** with backend using J2EE technologies such as **Servlets, Java Beans and JSP**.
* Developed UI using **HTML5**, **JavaScript**, **JQuery**, **AngularJS, JSP**, **Java Server Faces**, **and Ajax.**
* Developed securing the application using form-based authentication using **HTML**, JavaScript, JQuery and CSS.
* Designed and Developed Web application using CSS pre-processors
* Followed **TDD** (Test Driven Development) when implementing Web Service for budget approval process.
* Configured **Java** Web Config file for the entire web application.
* Created complex **JIRA workflows** including project workflows, screen schemes, permission scheme and notification schemes in JIRA.
* Designed **CSS3** based web pages which were cross-browser compatible.
* Experience in making Responsive web pages using Twitter **Bootstrap** and media queries.
* Implemented Presentation layer using **CSS Framework, AngularJS, Wire-framing,HTML5**.
* Designed mockups, GUI layouts by using **HTML, DHTML, XHTML, XML, CSS** and **JavaScript**.
* Developed designs in securing the application using form-based authentication using **HTML**, **XHTML**, **JavaScript**, **JQuery** and **CSS**.
* Used Angular JS framework for building web-apps and is highly efficient with PHP framework as

Well as using Restful services.

* Built rich prototypes and applications using Backbone.js, Knockout.js, HTML5 local Storage and CSS3.
* Implemented **XML** parsing and **JSON** parsing for data handling on different application
* Developed **JSPs** and **Servlets** to dynamically generated **HTML (HTML, CSS)** to display the Business Rules to business.
* Used **Spring MVC** framework to implement the **MVC design pattern**.
* Used **spring framework, Spring-AOP, Spring-ORM, Spring-JDBC modules**.
* Used Spring core annotations for dependency injection and used **Apache Camel** to integrate Spring framework.
* Developed Rest Webservices using Spring MVC and basic authentication is done using **Spring security.**
* Used **JAX-Web Services** to interact with other applications using **SOAP and WSDL** file.
* Used **Axis** to implement Webservices for integration of different systems.
* Used **spring framework 3.0** as middle tier component and integrated with **Hibernate3.4** for back-end development.
* Involved in developing distributed, transactional, secure and portable applications based on Java technology using Hibernate technology
* Designed and developed user interfaces using **Spring Framework and Struts MVC framework, JSP, HTML, CSS**.

**Environment:**Linux**,** JQuery, JavaScript, JSP, AJAX, AngularJS, KnockOutJS,Spring Framework, Hibernate, SOA, RESTful, JNDI, Servlets, SQL Server, UML, JUnit, SVN.

**IHG (Intercontinental Hotel Group)- Atlanta, GA Jan 13– Aug 14**

**Role: Java Web Developer**

**Project Description:**

**Managed retail hotel - Managed retail hotel is a new business model in hotel industry. With this model in placesuppliers will provide commission on each booking that we make through our website. The commissions can beof variable margins or fixed margins of type percentage or flat amounts. The reason for this being a suppliermight provide less commission on weekends because he already gets enough bookings and he might not needany help from external parties, whereas on weekdays he might need help from external parties to fill up the leftover rooms. By 2014 the expected market is going to be over 60% for managed retail compared to merchant andretail market.**

**Responsibilities:**

* Built Rich Prototypes and Applications using **HTML5, CSS3, JavaScript, JQuery, Ajax, JSON, Backbone.js and Bootstrap with MySQL database.**
* Developed Object Oriented JavaScript code and responsible for client side validations using JQuery functions.
* Developed source code to consume **JSON** response through **XHR/AJAX** calls using JQuery. Ajax () calls.
* Coding, styling, testing of reusable JavaScript, **CSS3, HTML5 widgets** / libraries for **complex UI controls.**
* Developed callback functions to parse and handle **JSON** data returned from the server.
* Responsible for JavaScript/AJAX UI upgrades and improvements.
* Integrated the frontend JQuery UI with backend **REST API** using Backbone.js.
* Implemented JQuery frontend for Insurance policy display for employees using JQuery.
* Facilitated User Testing sessions to solicit feedback on prototypes.
* Implemented JavaScript module patterns using asynchronous script loading.
* Worked through cross browser compatibility issues with layout and new CSS styles were implemented.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including IE6.
* Made enhancements to existing CSS and DIV tags using box model.
* Involved in **Agile/SCRUM** based approach to UI Development.

**Environment:** HTML5/HTML, CSS3/CSS, SAAS, JQuery, JavaScript, Backbone.js, YUI Library, Bootstrap, AJAX, XML, DOM, Apache Tomcat, Notepad++, Sublime, IntelliJ, MS Azure, Macromedia Dreamweaver, MYSQL, Tortoise SVN.

###### **Client: NexTraq Atlanta, GA Nov11 – Dec 12**

**Role: Java Web Developer**

**Project Description:**

**The NexTraq Compliance Tracking is a provider of Global Positioning System vehicle management and fleet tracking solutions .Multiple records sending inquiries by the client for this validates query specifies inquiry. Multiple client profiles having the same identification and client api Id and configuration values are set up in the security profile file without having to repeat the configuration; client api values for each profile, without having security profile to default profile roll up automatically updatethe security profiles file.**

**Responsibilities:**

* Built Rich Prototypes and applications using **HTML, CSS, JavaScript, JQuery, Ajax, JSON, AngularJs**, **BackboneJS** and **Bootstrap** with **MySQ**L database.
* Developed object oriented JavaScript ode and responsible for client side validations using JQuery functions.
* Developed source code to consume **JSON** response received through XHR/AJAX calls using JQuery.
* Implemented AngularJs application to follow strict MVC patterns for improved source code maintenance.
* Integrated frontend JQuery UI using backend **REST API.**
* Created cross-browser compatible and standards- compliant with CSS based page layouts.
* Built responsive site using Bootstrap that fits devices of different visual sizes.
* The tech stack is **AngularJS, LESS, Bootstrap** and cutting edge server side technologies.
* Involved in Designing, implementation, Maintenance and Testing of Databases and Web pages.
* Coding, styling, testing of reusable JavaScript, CSS, HTML widgets/libraries for complex UIcontrols.
* Responsible for JavaScript / AJAX UI upgrades and improvements.
* Designed web pages using with HTML, CSS based on W3C standards.
* Worked through cross browser compatibility issues with layout and styles for all new CSS that was implemented.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including IE, Google Chrome and Mozilla Firefox.
* Facilitated User Testing sessions to solicit feedback on prototypes.
* Developed and prepared test cases for unit testing with Junit.
* Wrote the backend to modify the tags in the database using **JSON** for data transmission.
* Developed the UI using SWT using add/ remove tags.
* Developed callback functions to parse and handle **JSON** data returned from the server.
* Designed user friendly navigation for displaying various sections of data using JQuery.

**Environment:** HTML, CSS, SASS, JavaScript, JQuery, JSON, Bootstrap, XML, MVC Framework, AngularJs, Backbone JS, Apache Tomcat, Notepad++, Sublime text, IntelliJ, MySQL, Microsoft Azure, Tortoise SVN.

**Client: L&T Infotech Pvt Ltd, Hyderabad, India Feb 08 – Sep 2011**

**Role: Java/J2EE Developer**

**Description:** This application is to automate the **Sales Order Transactions** of the company. This is to keep track of the data pertaining to the sales transactions such as customer details, product or item description and their prices, Purchase Order details and View and Enquiry of the Order Screens.

**Responsibilities:**

* Played key role in the design for the implementation of this application.
* Documentation for High Level design, Low Level design of the application and Process Flow of control for the entire application is prepared.
* Designed the Web application implementing the Struts framework for Model-View –Controller (**MVC**) pattern to make it extensible and flexible
* Implemented the Consolidated applications front-end pages using JSP’s, JSTL, and Struts Tag Libraries.
* Used Spring Framework for Dependency injection and integrated with the Struts Framework and Hibernate.
* Used extensive JavaScript for creating the Global templates that can be used across the **JSP** Pages
* Configured connection caches for **JDBC** connections.
* Used Hibernate for Object Relational Mapping.
* Configured Logger, appender and layout using log4j.
* Used Ant 1.6.5 for building **JAR** s and **WAR.**

**Environment:** Servlets, JSP, EJB, Struts, Hibernate, JNDI, HTML, XML, DOM, SAX, ANT, Web logic Server 8.1, Oracle9i**.**