**Shamili Patolla**

**Sr. UI Developer**

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**(832)-856-0854**

**PROFESSIONAL SUMMARY**

* **Over 7+ years** of experience in web development, designing user interface applications,testing and documentation of professional web applications using **HTML5**, **CSS**, **JavaScript** and **jQuery**.
* Proficient in developing front-end systems with **JavaScript, Bootstrap, HTML5, CSS3,RWD(Responsive Web Design) and MV\* frameworks such as Angular,BackboneJS.**
* Possess extensive knowledge on**OOPS** concepts, **JAVA, JDBC** technologies and their implementation and hands on experience with object oriented **JavaScript**.
* Used JavaScript and jQuery for validating the input given to the user interface (**form validations)**.
* Resolved complex issues related to browser and network **performance, cross-browser** and legacy IE compatibility, **client-side scaling, data modeling**, usability and testability.
* Strong development skills including **RESTful Web Services.**
* Experienced on implementing Rich Internet Applications i.e., RIAs using **JavaScript,JQuery, AJAX** calls and **JSON** data from the server.
* Diverse experience in the field of Web Application Development using **HTML 4.0/5, CSS(2/3), XHTML, JavaScript, DHTML, jQuery, JSP, AJAX, XML, JSON, AngularJS**
* Developed JSP pages using tag libraries and presentation layer using **JSP**, **JavaScript**, **jQuery**, **HTML5**, **CSS3**, **and AngularJS**.
* Developed Web 2.0 applications to consume **JSON** response using **callback functions**.
* Implemented easy-to-use **Bootstrap plugins** for building carousel, accordion, modal windows etc.
* Designed and implemented an Ecommerce Website with AngularJS.
* Used **AJAX** and **JSON** communication for accessing **RESTful** web services data payload.
* Worked proficiently in various IDE’s including **NetBeans** and **Eclipse**.
* Good experience in establishing/configuring the application infrastructure using application servers like **Apache, JBoss, Web Logic, Web Sphere.**
* Expertise in handling **Twitter Bootstrap framework** i.e., the concept of Grids, making using of advance components like Navs, Navbars, Pagination, Alerts, Progress bars etc.
* Worked on Angular JS markup and expressions and experience using **Angular UI** components like GRID.
* Work experience on **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, and Pseudo Elements.**
* Used the best practices of SDLC as well as **Agile/SCRUM** methodologies. Involved in **Waterfall** based approach to UI Development.
* Designed web contentsand web applications utilizing various **SEARCH ENGINE OPTIMIZATION (SEO)** techniques.
* Solid design skills in Java **Design Patterns**, Unified Modeling Language (**UML**) and Object Modeling Technique (OMT).
* Involved in development converting the static HTML mark-ups to **JSP’s using JSTL**.
* Designed the wire frames using MS PowerPoint and Balsamiq.
* Familiar in writing **custom directives** in **AngularJS** for re-usable components(multi-field form elements, background file uploads, etc.).
* Accessibility Guidelines **(WCAG)** and ability to apply **W3C web standards** with great craftsmanship.
* Used **CSS Sprites** to decrease the number of **HTTP requests** and increase the efficiency of web pages
* Maintained cross browser compatibility and implemented responsive design using **Bootstrap**and fixed major layout bugs for IE6 & IE7
* Good experience in writing **PL/SQL queries, T-SQL, SQL Server 2005/2008, Oracle 9i/10g and MYSQL 5.1**.
* Experience in understanding Document Object Model (**DOM)**, **DOM Functions** and Implementation of user-centered design **(UCD)** methodology.
* Created dynamic web pages making **AJAX** Calls, using **the XML Http Request Object**.
* Created a **CSS framework** for using a **12 column grid** preferred by the designers as well as implementing parts of Object Oriented CSS to cut down on repetitive code.
* Experience with JavaScript task runner using Grunt, unit testing framework using Jasmine and JavaScript workflow tool like Yeoman. Dependency management tools NPM and Bower.
* Built and accessed the database using Hibernate with DB2.
* Used **SVN** for version control and analyzed the performance of **JSON**.
* Extensive experience in working with version, controllers like **Git**and **SVN.**
* Communicate effectively, to work collaboratively to resolve problems and to motivate team members as well.
* All the **DML** operations are performed on the **MySQL** database by executing the corresponding queries.
* Adaptable to new software technologies, quick learner and also can work efficiently as an individual as well as team member.
* Excellent technical, problem solving, Interpersonal Skills and communication skills with strong Customer Orientation, Client Interfacing Skills..
* Quick learner and proficient in solving the technical issues in the project.

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating System** | Windows XP/Vista, Mac OS, Unix/Linux. |
| **Programming Languages** | Java, J2EE, C++, C, JSP/Servlets, SQL,PL/SQL. |
| **Web Development Technologies** | HTML,HTML5, CSS2.1/3, JavaScript, AJAX, JSON, DHTML,XML,XHTML |
| **JavaScript Library** | jQuery,Angularjs,Node.js,Backbone.js. |
| **IDE** | Eclipse, NetBeans, Eclipse Kepler, SublimeText2, Notepad++,Dreamweaver,Adobe Photoshop, IntelliJ IDEA, Jira, Ant, Maven, WinSQL, spring suite, DBVisualizer |
| **Database** | MySQL5.1, SQL Server 2008, Oracle 11g, MS Access 2007. |
| **Application servers** | Apache Tomcat, WebSphere, WebLogic,JBoss |
| **Testing Frameworks** | Jasmine, JUnit, Selenium |
| **Version control** | SVN, Git, CVS |
| **Web services** | RESTful,SOAP,XML |
| **Workflow and Delivery** | Responsive web design, Mobile Development,Single-Page Applications, cross-browser compatibility |

**PROFESSIONAL EXPERIENCE**

**Client: AT&T**  **Sr. UI Developer**

**Location:Bothell, WA** **Jan 2016 – Present**

**Responsibilities:**

* Involved in developing UI pages using **HTML5, DHTML, XHTML, DOM, CSS3, JSON, JavaScript, jQuery, Ajax.**
* Built Web pages that are more user-interactive using AJAX, JavaScript, AngularJS.
* Participated in development of a well responsive single page application using **AngularJS framework** and JavaScript in conjunction with **HTML5, CSS3** standards, with front end UI team.
* Developed Search Engine using **JSP**, presented the XML data in the web page using **JavaScript** and **jQuery.**
* Used Content Management system **(CMS)** for the dynamic configuration of the header and footer of the web application.
* Tasks are creating components using **Adobe CQ** to effectively maintain the pages through reusability and easy for content authors to change the content.
* Worked on JavaScript and HTML5 Browser Cache mechanism for storing and retrieving data for the website.
* Used **jQuery** to traverse through a **DOM** tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using jQuery framework.
* Created client side validation using technologies such as **Angular JS** and JavaScript.
* Used **$HTTP, AJAX & JSON** communication for accessing **RESTful** web services data payload.
* Developed cross-browser/platform pages using **CSS3** Media Queries and JavaScript to match design specs for complex page layouts while adhering to code standards.
* Implemented paging functionality for various screens for quicker rendering of data and also to avoid crashing of the browser.
* Created **RWD** webpages using HTML5, CSS3 and AngularJS with android look & feel.
* Implemented **webtrends** reporting for webpages to track login, registration and activation issues.
* Created Responsive Designs (Mobile/Tablet/Desktop) using **HTML5, CSS3 & bootstrap**.
* Implemented different markups based on page flow style to add manufacturer look & feel (logo and device images).
* Used Angular JS for making restful **API calls** and data binding.
* Used tools like Grunt, Gulp, Yeoman, and ModernizerJS for the e-Commerce application on the client side.
* Used **JSON** for storing and exchanging information between browsers and servers.
* Using complex Object Oriented concepts in improving the performance of the websites.
* Worked closely with testing team in fixing the reported bugs/defects and checking cross platform compatibility.
* Used **SVN** for version control  and JIRA for bug tracking and issue tracking.
* Hands-on experience of different types of testing methods and tools such as **Unit Testing**, **SVN**, Firebug.
* Created forms to collect and validate data from the user in **HTML** and **JavaScript.**
* Used HP Application Lifecycle Management **(ALM)** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Worked extensively on applications to work properly on Android devices and all the browsers like ipad safari, Desktop safari on Windows, IE, Firefox, and Chrome.
* Worked with Agile software lifecycle methodologies. Create design documents when and as required. Perform coding, debugging and testing.
* Extensive Experience in working with Relational Database Management Systems including **Oracle**, **MySQL** and **SQL Server**. Can work with any RDBMS.
* Worked with an Agile, Scrum development methodology to ensure delivery of high quality work with monthly iteration, involved in sprint planning and retrospectives.
* Worked in Onsite - Offshore model.

**Environment: HTML5, CSS3, JavaScript, jQuery, AJAX, AngularJs, JSON,bootstrap, JSON, XML, JSP, Responsive Design, JSON, Agile, Notepad++, EclipseKepler, TortoiseSVN, Adobe Dreamweaver,WebLogic, Oracle11g, MySQL, SQL Server.**

**Client:Ericsson** **Sr. UI Developer**

**Location:Piscataway,NJ** **Jan 2015–Dec 2015**

**Responsibilities:**

* Developed web pages using **HTML**, **CSS**, **JavaScript**, **JSON**, **jQuery** and **AJAX**.
* Participated in the life cycle development (**SDLC**) from implementation phase through testing and deployment.
* Different browser properties like **boxModel**, **htmlserialize**, style etc. are all tested through the property methods in **JQuery**.
* Created Wireframes for designing by using tools such as **MSPowerPoint** and **Balsamiq**.
* Used **Backbonejs**for making **AJAX** calls (GET, POST) for triggering or fetching data from Restful API’s provided by the backend team.
* Actively involved in using **AngularJS, Bootstrap** and **HTML5** to enable client side data to meet specific criteria by applying various validation variable.
* Used **Bootstrap** to build grids, layouts and components. Used **Bootstrap** components like dropdown menus, navigation bar, alerts, and labels.
* Used the **nodeJS, AngularJS, MVC** framework for the development of web applications.
* Used **AngularJS** framework for building web-apps using **RESTful services.**
* Performed the **DML** operations on**MySQL** database by executing the corresponding queries.
* **Used JDBC-ODBC** Bridge for Database Connection.
* Used **AngularJS** properties and directives for **form validation** and created **custom directives** for custom validation to verify the user information.
* Used **SVN** for version control and analyzed the performance of **JSON**.
* Made changes in the **CSS** properties as per the client requirements.
* Setup **Jasmine** for UNIT and Functional Testing of JavaScript.
* Applied various **Java/J2EE** design patterns.
* Extensively worked on implementing the **AngularJS** based on **CSS** functionalities.
* Checked functionality of the website by sending the request to the server through **AJAX**, **JSON**.
* Coordinated team application of**test-driven-development** (TDD) strategies to optimize system quality and to enable rapid refactoring and Agile Methodology.
* Extensively worked in maintaining the websites, software, modifying and understanding the existing code.
* Involved in implementing all components of the application including **Database Tables, server-side Java Programming** and client side web programming.
* Implemented navigation bar as a **custom directive** of **AngularJS** framework so that it can be reused on different templates.
* Coordinated with team members to ensure proper work flow is maintained and modules are created as per the requirements.
* Used**GRUNT, GLUP** task runner to compile and generate the code.
* Proficient in database development: **MySQL 5.1**
* Designed Responsive Web pages using **media queries** and **Twitter Bootstrap**.
* Successfully handled and carried out **JSON/XML** parsing for form submissions and **DOM** manipulation.
* Used **AngularJS HTTP** request to read data from web services and process **JSON** data to render in the UI.
* Developed source code to consume **JSON** response received through **AJAX** calls using **JQuery.**
* Responsible for designing the single page application using **JQuery**, **AngularJS** and **Bootstrap3**.
* Events are used to execute the **JavaScript** coded responses and any other types of responses as per the functionality provided.

**Environment: HTML5, CSS3, JavaScript, JQuery, Angular JS, Bootstrap, DHTML, XHTML, Ajax,JSON, REST,Java/j2ee,Git, MVC,Notepad++,Sublime text, IntelliJ, Eclipse, Oracle 11g, SQL Plus.**

**Client:RCG Global Services** **Sr. UI Developer**

**Location:Atlanta, GA**. **Nov 2013 - Dec 2014**

**Responsibilities:**

* Developed UI applications for the business and software systems having IEEE standards.
* Used the functionalities for writing code in **HTML5/HTML, CSS3/CSS, AngularJS, JavaScript, JQUERY, Ajax, JSON, and Bootstrap with MySQL** database as the backend.
* Developed **JQuery** code using **XMLHttp Request** Adapter to send an **AJAX** request to the server side code and implemented a callback function for handling results.
* Participated in development of a new business application for the layout using Grid orientation model **Bootstrap** framework.
* Wrote the backend to modify the tags in the database using **JSON** for data transmission.
* Designed user friendly navigation to display various sections of data using **JQuery**.
* Created Dynamic Web Pages with Web Controls and developed forms with **HTML5**.
* Developed server side **REST** web services and called them from angular controllers.
* Styling pages with **CSS3.0** and developed JavaScript for user interfaces.
* Application implemented as a **single-page, angular.js** client.
* Developed Unit test cases for the Angular controllers using **Jasmine.**
* Designed, developed and implemented Single Page Application (SPA) in **Angular JS** by consuming **JSON** from a **Spring MVC**, using Spring Security to secure the application.
* Enhanced the presentation layer using **JSP, JSF 1.2,JavaScript**, HTML, and CSS
* Used Selectors, Events, **Ajax** and Dom Manipulation modules in JQuery for updating content on **DOM** nodes.
* Worked with Backbone to give a structure with rich **API** over a **RESTful JSON** interface.
* Met with the project manager frequently for reviewing project goals and for creating proposals for future developments and researching their fields for UI design.
* Involved in migration of project from **Spring, Hibernate, My SQL** based framework for **JDBC, Oracle.**
* Used **Git**for version controlling.
* Used **Twitter Bootstrap** for HTML and CSS-based design templates for **typography**, **forms**, **buttons**, **navigation** and other interface components.
* Developed the **JQuery** callback functions to implement asynchronous communication using **AJAX**.
* To create new website features wrote **Angular controllers**, **views** and **services**.
* Worked on coding, styling, testing on reusable JavaScript, HTML5, CSS3 libraries for complete UI controls.
* Used **AJAX Calls $.get, $.post, $.ajax** to make request to the backend and fetch the data in **JSON** format.
* Wrote test plans and performed unit testing and performance testing by using **Angular Js** testing frameworks like **Karma**.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including IE6
* Implemented Rich Internet Applications i.e., **RIAs** using JavaScript, JQuery, AJAX calls and **JSON** content type between client and server communication.
* Developed the web applicationsfor backend system by using Angular with cutting edge HTML5 and CSS3 techniques

**Environment: HTML5, CSS3, JavaScript, JQuery,AJAX, Angular JS, Bootstrap,Java/J2EE, JSON, Usability Testing, Agile, Adobe AEM 5,Notepad++,Sublime text, IntelliJ, MVC, RestWeb Services, Eclipse, MySQL Server, Git.**

**Client: Parker Drilling**. **Front End Developer**

**Location:Houston, TX. Nov 2012 - Oct 2013**

**Responsibilities:**

* Interacted with the client to understand their existing applications and design the site according to their system requirements.
* Used **JavaScript**, **HTML** and **JQuery** for forms validations.
* Used **JSON** for faster data interchange and can be parsed using **JavaScript**
* Designed CSS templates for use in all pages on the website working with **CSS background, positioning, text, border, margin, padding, table, CSS background, border** and **transitions**.
* Used the **JQuery** widgets like **Accordion**, **Datepicker**, **Draggable**, **Droppable**, **Resizable** JQuery interactions.
* Designed and developed**AngularJS** components such as controllers, directives and services.
* Involved in **SDLC** of application developed using AGILE.
* Developed JSP pages using tag libraries and presentation layer using **JSP**, **JavaScript**, **JQuery**, **HTML5**, **CSS3**, **and AngularJS**. Used **Ajax** for populating the list/drop down box with data.
* Worked with **JQuery** UI plug-in like widgets, interactions and effects.
* Used extensive **Java Collection** framework, exception handling classes.
* Designed the wire frames using MS PowerPoint and Balsamiq.
* Wrote JDBC statement, prepared statements and callable statements for various **DDL** and **DML** operations. Worked on **AngularJS** to combine web applications with model view controller capability for making the code development and testing efficient and also worked with **JQuery** Message plug-in, **JQuery** validation plug-in.
* Hands on experience with object oriented JavaScript code and responsible for client side validation using **Angular Directives** and **JQuery** functions.
* Used **YUI** library for building richly interactive web applications using techniques such as DOM scripting, HTML, AJAX.
* Maintained cross browser compatibility and implemented responsive design using **Bootstrap.**
* Developed **JSP’s** for the presentation layer.
* Involved in structuring and facilitating Rapid Application Development sessions.
* Designed and developed the front end using **HTML, DHTML** and **XML**.
* Wrote Oracle **PL/SQLprocedures**, **triggers**, **views** for the back-end database access.
* Designed graphics, buttons, and logos for the website to enhance the application features for the user.
* Worked with No SQL database Mongo DB and worked with it to perform many different operations.
* Developed and prepared test cases for unit testing with **JUnit**
* Made enhancements to existing CSS and DIV tags using box model.
* Effective communication with the UX designing team.
* Used package managers like NPM/Bower to manage dependencies.
* Used debugging tools like **Firebug** and **Web Inspector** for debugging and testing of the web pages.
* Issues were tracked in **Mantisbugtracker** and was successfully debugged
* Collaborated with the design team to ensure web products and design visions are maintained, final markup is standards compliant and UI deliverables are completed on time.
* Used **AjaxXMLHttpRequest** to post chat messages and to periodically check the server for new chat messages and update the chat window.
* Involved in **Agile/SCRUM** based approach to UI Development.

**Environment:HTML5/HTML, CSS3/CSS, SASS, JavaScript, JQuery, Bootstrap, XML,MV\* Framework, YUI Library, Apache Tomcat, Notepad++,Sublime text, IntelliJ, MySQL,PL/SQL,NPM, Microsoft Azure, Balsamiq,Tortoise SVN, Mantis Bug Tracker.**

**Client: TEREXCORP, Role: UI Developer**

**Westport, CT**. **Oct2011- Oct 2012**

**Responsibilities:**

* Built Rich Prototypes and Applications **using HTML, CSS, JavaScript, JQuery, Ajax, JSON, Backbone.js** and **Bootstrap** with **My SQL database.**
* Worked with the team, helping them build out their markup and CSS.
* Developed Object Oriented JavaScript code and responsible for client side validations using JQuery functions.
* Developed source code to consume **JSON** response received through **XHR/AJAX** calls using JQuery. Ajax () calls.
* Developed web presentation layer using **HTML** and **CSS** according to internal standards and guidelines.
* Responsible for **JavaScript / AJAX UI** upgrades and improvements.
* Developed callback functions to parse and handle **JSON** data returned from the server.
* Implemented JQuery frontend for Insurance policy display for employees using JQuery.
* Designed and developed web-based software using **Java Server Faces (JSF)** framework, **Spring MVC Framework, and Spring Web Flow**.
* 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 JQuery frontend for Insurance policy display for employees using JQuery.
* Implemented JavaScript module patterns using asynchronous script loading.
* 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 IE6.
* Extensively worked on Core Java( Collections, Multithreading, Exception Handling, JDBC, I/O).
* Implemented Restful web service in **YUI** Grid Data and YUI Menu.
* Made enhancements to existing CSS and DIV tags using box model.
* Involved in Agile/SCRUM based approach to UI Development.

**Environment: HTML, CSS, JavaScript, JQuery, Bootstrap, Backbone JS, XML, SASS, MV\* Framework, YUI Library, Apache Tomcat, Notepad++, Sublime text, My SQL, Tortoise SVN.**

**Client: BANK OF INDIA.** **Front End Developer**

**Location: India Feb 2010 – July2011**

**Responsibilities:**

* Designed and developed various Web forms using **HTML, CSS**, and **JavaScript**
* Used **CSS Blueprint** to create grids and adopt cross browser interactive features and to make the web pages more versatile.
* Analyzed the requirements and designed the **flow of task** using flow charts and dependently designed **flow between pages** of the UI.
* Created master pages and style sheets using **Bootstrap.**
* Developed windows forms for the windows based system using JavaScript.
* Converted the mock-ups in to hand-written HTML, CSS and JavaScript code.
* Been an active team player, helped in fixing bugs and also carried out troubleshooting.
* Produced **semantically appropriate**, **standards compliant markup**, and produced **Rich User Interfaces**
* Involved in developing a user centric market driven site redesign.
* Used **JavaScript and jQuery** for validating the input given to the user interface.
* Used **Oracle Database** in the project and developed the Admin screens using **JSP, JavaScript.**
* Involved in writing **procedures**, complex queries using **PL/SQL** to extract data from database and to delete the data and to reload the data on Oracle.
* Used all the advanced **Photoshop** features to create appealing visual web interfaces.
* Used **ANT** automated build scripts to compile and package the application and implemented **Log4j** for the project.
* Test-driven-development (**TDD**) approach was utilized and the test coverage was always maintained and validated using Clover and Cruise Control.
* Used tools like Grunt, Gulp along with AEM for the application on the client side.
* Created marketing kit handouts with Illustrator and Photoshop and presentation using PowerPoint.
* Developed and maintaining the layouts using CSS2 for all intranet applications compliant with W3CStandards.

**Environment: HTML, CSS, DHTML, Photoshop, XHTML, Bootstrap, jQuery, JavaScript, Oracle, JSP, Oracle, PL/SQL, ANT and Log4j**

**Client: LIFE INSURANCE CORPORATION OF INDIA. Jr. Java Developer**

**Location: India June 2008 – Jan2010**

**Responsibilities:**

* Responsible for understanding functionality at client side.
* Designed the web application layout and forms using **HTML, CSS** and **JavaScript.**
* Worked with business analysts to understand the business models and goals and help define strategy, content and features.
* Involved in the design and analysis of the application.
* Developed the application using **J2EE** architecture.
* Used **JavaScript, CSS, and HTML** to create the front-end screens of the module.
* Designed and developed web pages using **HTML** and **JSP.**
* Designed and developed the **UI** using Java Swing components like **JScrollPane, JTable, JPopupMenu, JFrame, JButton, JCheckBox, JComboBox, JList, JRadioButton and JSlideretc**
* Used UI Development using **HTML**, and coded **Java** components which Retrieves data using **SQL** from **Oracle** database.
* Wrote back-end SQL, **PL/SQL** queries for fetching the data
* Used **JDBC** for database connectivity with **MySQL server.**
* Interacted with the clients to get site-specific requirements and perform analysis and design for client specific requirements.
* Used **JavaScript** for adding little functionality to the existing application (calendar, tooltips, hiding elements, etc.).
* Designed and developed User Interface using **JSP, CSS, HTML and JavaScript**.
* Used **AJAX to** update a portion of a web page thus reducing bandwidth usage and load time and add modal dialog in web pages to get user input and requests.
* Wrote code to fetch data from **web services** using **AJAX** via **JSON** response and updating the **HTML** pages.
* Used **JavaScript** libraries to create slider and page-turning animations on calendar widgets.
* Designed the web pages and used an application that meets business and user goals through a positive user experience.

**Environment: Java, J2EE, Java Script, HTML, CSS, JDBC, JSP, Eclipse, AJAX, JSON**

**EDUCATION: Bachelor of Technology in Computer Science Engineering, India.**