**Lakshmi Sahaja**

**UI Developer**

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**PROFESSIONAL SUMMARY**

* 8+ years of experience as a Front End/Web/UI Developer with solid understanding of Web Development and developing User Interface and experience (UI/UX) applications and web applications using **HTML4/5, CSS2/3, JavaScript, AJAX, jQuery, Backbone.js, Angular.js, Polymer.JS, JSON and XML.**
* Experience in all phases of software development life cycle (**SDLC**), which includes User Interaction, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Deployment.
* Experience in **client-side languages** and **frameworks** like **JavaScript, JQuery, Angular.js Backbone.js**; **server-side languages** like **Node.js**.
* Hands on experience with module definitions like **AMD** (Asynchronous Module Definition) and **Common JS**.
* Expertise in using task managers and orchestrators like **Grunt** and **Gulp** respectively.
* Hands on experience working and customizing CSS Frameworks like **Bootstrap** and **Foundation** using **OOCSS** and **BEM** patterns.
* Have significant experience with rest API’s and thoroughly understand HTTP requests.
* Experience in developing and implementing **Responsive Web Design (RWD)** with **cross browser** compatibility support in browsers following W3C standards; Debug issues using tools like Browser stack.
* Expertise in using IDE tools like **Eclipse, Sublime Text, Atom, Notepad++ and Dreamweaver.**
* Expertise in analyzing the **DOM Layout, MVC, Java Script functions, Cascading Styles across cross-browser using Fire Bug, Chrome Developer Tools.**
* Experience in creating style guides, best practices and setting UI standards for enterprise/consumer applications.
* Involved in designing the user experience interface **UI/UX strategy, UI requirements**, converting findings into UI designs.
* Hands on experience inwriting light weight **Node.js express server**, and using technologies like **Ajax, JavaScript/jQuery, JSON** to make connections between server and databases like **MongoDB** and **MySQL.**
* Extensive experience in **React, Redux and Node.js.**
* Experience with **Complex CSS layout**, browser consistency, platform independent design.
* Experience in developing web applications using **MVC** architecture.
* Expertise in working with SPA’s (Single Page Applications) using various frameworks like Backbone.js and **Angular.js**
* Experience in Angular.js features like **Two Way Binding, Custom Directives, Controllers, Filters, Services, and Project Architecture.**
* Hands on experience in implementing and consuming various **Node.js modules**.
* Involved in design and development of **table-less CSS Layouts** as per **W3C standards**.
* Expertise in using various VCS (Version Control Software) tools like **Git**, **SVN** and **Mercurial**.
* Involved in a **TDD** (Test Driven Development) environment; Hands on experience in testing frameworks and tools like **Jasmine**, **Mocha** and **Karma.**
* Commendable involvement in understanding functional specifications and developing creative solutions to meet business requirements.
* **Good** analytical and communication skills with capability to handle new technologies.
* Worked closely with the project management and marketing team to completely define specifications to help ensure project acceptance.

**TECHNICAL SKILLS**

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| **Programming Languages &Web Technologies** | C, C++, Java, SQL, HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, XSLT, JavaScript, AJAX, JQuery, JSON, Grunt, Gulp, web pack, Node.js, dc.js |
| **Operating Systems** | Windows 98/2000/XP/Vista/7/8, MAC OS X/Linux (Redhat/Ubuntu) |
| **JavaScript Libraries** | JQuery, Backbone.js, Angular.js, Express.js, React.js, Moment.js, D3.js, Highcharts.js |
| **IDE & Tools** | Eclipse, Atom, Web storm, Notepad++, Sublime Text, Atom ,visual studio |
| **Version Control** | Perforce, SVN, Git |
| **Debugging Tools** | Firebug, Chrome Developer toolbar, IE Developer Toolbar, Safari Web inspector, Browser Stack, Browser Sync |
| **Wire Frame Tools** | Axure, Blasmiq, Adobe Photoshop (Basic) |
| **Databases** | MS SQL, Oracle, MySQL, MongoDB |

**PROFESSIONAL EXPERIENCE**

**Client: Boeing, Seattle, WA March, 2016 – Present Role: Sr. UI Developer**

**Description:** The Boeing Company is an American multinational corporation that designs, manufactures, and sells airplanes, rotorcraft, rockets, and satellites worldwide. The company also provides leasing and product support service and it is the second-largest defense contractor. The project deals with developing a commercial web page that mainly deals with the orders and deliveries of the flights. As a Sr. UI Developer, my role was to work on the corresponding UI and web service integration.

**Responsibilities:**

* Developed Commercial View Landing page and design highlights, contract view page and Orders and deliveries pages.
* Designed dynamic and browser compatible pages using **HTML5, CSS3, SASS, Bootstrap, Angular.js, Polymer.Js, Node.js, JavaScript and jQuery.**
* Used **Grunt** as the task runner to build and manage front-end assets pipeline.
* Implemented modules into **Node JS** to integrate with designs and requirements.
* Used **jQuery** and other third party plugins/modules for complex **DOM** selection and manipulations.
* Used **Sass** as the preprocessor to style the application UI (**mixings, functions, grid systems**).
* Used **MEAN** (**Mongo** DB, **Express**, **Angular**, **Node**) Stack.
* Developed **REST API** for test server for **Express** Router middleware based API’s with **MongoDB** integration.
* Developed **DOM** and built various models to view by using events in **Angular.Js.**
* Utilized **Angular's template cache** feature to store templates within cache for **lazy-loading** purposes.
* Used **Angular.js** Directives **like ng-app, ng-model, ng-repeat, ng-show, ng-hide, ng-controller, ng-route** etc.
* Using **Angular.js,** created **custom directives** for data manipulations and to display data in company standard format in UI.
* Developed necessary **Angular services** to interact with the backend (Java) code **AJAX** and **JSON** via web services and **APIs.**
* Implemented routing to allow for the use of a **Single-page-application (SPA**) with different content using **route Provider** in the**Angular.js** Module and ng-view in the **HTML5.**
* Implemented **ng-repeat** to display tabular data and utilized **CRUD** features such as sorting, filtering, paging and data manipulation and by using **Angular.js**
* Involved in File Manipulations, File Uploads using **Node JS.**
* Developed internal application using Angular and **Node.JS** connecting to Oracle on the backend.
* Involved in consuming a **RESTFUL API**; Developed micro services using **Node.js**
* Implemented required type definitions regarding various **Angular modules**; used them within the **Typescript** configuration file.
* Developed the **Responsive Web Design** using **Bootstrap** and CSS **Media Queries.**
* Migrated from **JavaScript to Typescript**, developed some functionalities and fixing bugs during transition.
* Found and fixed errors by using **Typescript Compiler**.
* Developed web pages using **Polymer JS**, Layouts, Events, Forms, Components, Validations, Trees, Grids components.
* Worked on cross browser compatibility issues and execute unit test cases using **Jasmine, mocha and chai.**
* Used tools such as **firebug**, and **chrome developer tools** for performance evaluation and profiling**.**
* Applied industry best practices and standards when project requirements were lagging.
* Participating the **Sprint Planning** and User Story Grooming sessions and suggesting can-do and cannot-do in each Sprint.
* Involved in application testing for various Environments such as **Dev, QA and UAT**

**Environment:** HTML5, CSS3, Sass, JQuery, JavaScript, Express.js, Angular.JS, Ajax, Bootstrap, Json, Node.js, Web storm, Sublime Text, Git, Grunt, Yeoman and Bower, web pack.

**Client: Sirius XM satellite radio Inc., NJ Feb, 2014 – Jan, 2016 Role: Sr. UI Developer**

**Description:**

Sirius currently provides 69 streams (channels) of music and 65 streams of sports, news, and entertainment to listeners. Music streams on Sirius carry a wide variety of genres, broadcasting 24 hours daily, commercial-free, and uncensored. A subset of Sirius music channels is included as part of the Dish network satellite television service. Subscriptions are prepaid and range in price from US$14.99 monthly to US$699.99 for lifetime subscription. The project is a high-quality software subscription application; a single page application. As a senior developer, my job was to closely work with front end developers both onshore and offshore teams to develop and build the subscription system following modern UI standards and bleeding edge technologies.

**Responsibilities:**

* Responsible for building a large-scale **POS (Point-Of-Sale)** application.
* Vastly involved in converting the wireframes to templates using **HTML5** and **CSS3**; Wrote advanced HTML5 & CSS3 with **Accessibility** and **Aria** support.
* Create, edit and maintain responsive themes using front-end development frameworks including **Bootstrap**.
* Wrote advanced **AngularJS** code, following best practices in the industry; responsible for creating a futuristic and consistent project structure adhering to software principles.
* Developed server side **REST web services** using Node.js **Express** framework and called them from angular controllers.
* Used **ng-react** angular module to integrate react components within angular application; Angular.js for the underlying business logic.
* Wrote high performant React components, using various lifecycle methods like **should-component-update**, **component-will-receive-props**.
* Extensively used AngularJS directives; wrote custom **directives, controllers** and **services**.
* Displayed data by using **JSX in Depth**, **JSX Spread** attributes and **JSX gotchas** using **React JS**.
* Worked with the browser by virtual DOM and component life cycle like Mounting, Updating and Unmounting in **React JS.**
* Implement modules into **Node JS** to integrate with designs and requirements.
* Constructed the RESTful application using **Node.js** as a server-side language.
* Created rich application websites using Angular, **Node.Js**, and Yoeman.
* Collaborated with diverse teams in a fast-paced, dynamic business environment with efforts ranging from day-to-day support to complex initiatives for iconic American brands impacting customers world-wide.
* Used tool **GULP** as task runners and orchestrators, **web pack** for the build process.
* Wrote and performed client-side and server-side unit testing with **Jasmine, Mocha** and the **Chai assertion library**.
* Managed a team of service oriented front-end developers to build a large-scale e-commerce application.
* Expanded a team of 2 developers to 8, providing a responsive e-commerce application for rapidly growing US, International and Factory Stores.
* Constantly developed new tools to augment productivity, a/b tests and prototypes for analytics and product development, and rich user experiences to improve
* Adapted rapidly to changes, sought opportunities for growth and lead teams with positive 'can-do' attitude.

**Environment:**

HTML5, GitLab, CSS3, LESS, JQuery, JavaScript, AngularJS, React.js, Express.js, Ajax, Bootstrap, NodeJs, Json, Jetty Server, Xcode, JIRA, Grunt, Yeoman and Bower.

**Client: State Of Ohio, Columbus, OH Oct 2012 – Dec 2013**

**Role: Sr. Web/UI Developer**

**Project Description:** In the portal, the finder provides information on local taxing jurisdictions and tax rates for all addresses in the State of Ohio. Now, Municipal Tax, Ohio Public School District Income Tax and the Sales and Use Tax features of The Finder are operational. The Provider portal also enables the providers to do the account maintenance for their own members with access.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC),** analysis, redesign of architecture, analyzing the various technologies, preparing technical and support documentation.
* Followed **AGILESCRUM** Methodology and participated in **SCRUM** Meetings.
* Developed UI pages using **HTML, XHTML, DOM, CSS, JSON, JavaScript, JQuery and AJAX.**
* Created **XHTML** pages with **CSS** and the Box Model.
* Integrated the **Java code (API) in JSP pages**.
* Used **jQuery** Core library functions for the logical implementation part at client side for all the applications
* Involved in writing **jQuery**-based **Ajax** requests using **jQuery**. **Get (URL, data, callback, type) or jQuery. Ajax (options))**.
* Used **jQuery** events to manipulate the elements depends on the user interactions (like. **on (), hover (), bind (), click (), keypress (), etc.**
* 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 Plugins** for Drag and Drop, Widgets, Menus, User Interface, and Forms.
* Designed PDF, excel and print previews for all the reports in the application using **HTML and JavaScript Procedure.**
* Used **Backbone.JS** as Model, Widgets as Controller, and jQuery template as View.
* Developed the administrative UI using **Backbone.JS** and **Marionette.js**
* Experience on implementing the **Backbone.JS** and **MVC framework** for data access.
* Involved in developing **HTML and JavaScript** for client side presentation and data validation on the client side within the forms.
* Implemented a **Node.js** server to manage authentication
* Manipulation was done with **Node JS.**
* Worked in Onsite – Offshore model.
* Used **SVN** for version control and Clear Quest for defect tracking.
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles.
* Resolved various **CSS compatibility issue** and did research for **CSS3** to implement and for our framework.
* Writing and implementing JavaScript throughout the site, both as in-line and imported files.
* Designed rich user experience prototype for managing users and roles.
* Involved in Testing and fixing bugs and documented the application step -by-step process.

**Environment:** JavaScript, HTML5, CSS3, Node.js, Backbone.JS, jQuery, AJAX, JSON, Sublime Text, Windows, Agile Scrum.

**Client: Comcast, Philadelphia, PA Aug, 2011 — Sept, 2012**

**Role: Front End Developer**

**Description:**

Comcast Corporation is an American global telecommunication conglomerate that is the largest broadcasting and cable television company in the world by revenue. It is the second-largest pay-tv company after AT&T, largest cable TV company and largest home Internet service provider in the United States, and the nation's third-largest home telephone service provider. SunTrust is an American multinational banking and financial services holding company. The Technology Team ensures that Comcast stays on the leading edge of new and emerging technologies, while maintaining a strong and secure information foundation. As the backbone of its infrastructure, it is their job to ensure that they are prepared for future technological innovations and provide the most advanced and convenient experience for their clients.

**Responsibilities**

* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
* Identified the business requirements for the client.
* Used **XML** Web services with **SOAP** protocol for transferring data between different applications.
* Used **JDBC** to query, update and maintain Database Servers using **SQL** queries.
* Used **HTML5, CSS3, JSON, JavaScript, jQuery, Ajax** to create the front-end applications.
* Extensively used **JavaScript** to make the web page more interactive.
* Responsible for creating dynamic server side pages using **JSP**.
* Updated **UI** as per changing needs and requirements.
* Bug fixes for existing software system and software enhancement.
* Used **Firebug, Firebug Lite,** IE Developer Toolbar, for debugging and browser compatibility.
* Used **jQuery** for creating various widgets, data manipulation, data traversing, form validations, create the content on the fly depend on the user request, implementing **Ajax** features for the application.
* Developing **client side validation** code using **JavaScript and jQuery**.
* Creating pages in Site Core and validating the **HTML** code with **W3C** Validator.
* Used best practices while creating the web pages.
* Understood their existing code and made changes to adapt the new environment.

**Environment**

HTML, DHTML, CSS, JavaScript, JSON, JSP, JDBC, jQuery, Ajax, SQL.

**Client: SIFY Technologies Limited, Chennai, India** **Jan, 2010 – May, 2011**

**Role: Front End Developer**

**Description:** Sify is an information and communications technology company, Sify played an important role during the early spread of Internet and e-commerce in India. Sify technologies are the first network in India to be IPv6-enabled, the 3rd largest IP VPN service provider in India and an industry-defining portal. Sify realigned itself to build a host of products and services for enterprise thus establishing the country's premier enterprise Cloud services.

**Responsibilities:**

* Involved in the requirements analysis, designing, development, testing and maintenance of the websites.
* Designed and developed User Interface Web Forms using **CSS, Dreamweaver,** and **JavaScript.**
* Developed websites using **HTML, CSS, JavaScript, JQuery, Google Maps API (JavaScript Library), XML and Ajax**
* Created web page layouts using **HTML** and **CSS**
* Design, developed and updated the user interface using **CSS, JavaScript**.
* Performed client side validations over the forms **using JavaScript**
* Used Ajax to refresh only certain section of the page and reduce the load on the web server
* Used **Cascading Style Shee**ts to separate presentation from the structure
* Defined text alignment, borders, positioning and many other typographic characteristics
* Used **Responsive Web Design** so that the website is compatible with different devices like desktops, laptops, tablets, and smart phones.
* Used best coding practices and naming conventions while writing code **in c#, JavaScript, HTML and CSS**
* Extensively tested the websites, identified the bugs using **Firebug** and fixed them.
* Responsible for code optimization and testing across other browsers.

**Environment:** HTML, CSS, JavaScript, JQuery, Ajax, XML, Dreamweaver, DOM, Internet Explorer, Chrome, Firefox, Windows.

**Client: Axis Bank, Hyderabad, India. June, 2008 – Dec, 2009 Role : Front End Developer**

**Description:** This implementation is a part of Axis Trading Portal with a systematic approach to analyze Market Trend and Commentary on shares to buy or sell with a Stock Comparator, Screener, and Reporting Tool. It helps maintain company's current portfolio value along with total gain and loss from total shares in Equity, ETF and Mutual Funds.

**Responsibilities:**

* Converted wireframes into **html.**
* Developed **CSS** styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
* Performed client-side validations using **JavaScript Utilized various JavaScript and jQuery** libraries to manipulate the events and other interactive features (Dynamic functionality)
* Involved in designing and developing **the XML Objects Used AJAX** to send request to the server to check the functionality of the websites.
* Used **XML**for storing and exchanging information between browsers and servers Involved in team discussions when implementing new features in the project.
* Implemented page designs in standard-complaint dynamic **HTML and CSS**.
* Developed the Front End User Interface using **HTML, JavaScript and CSS**.
* Created navigation lists using list elements in **HTML.**
* Good knowledge of debugging JavaScript and html code with **Firefox Firebug** and Google chrome **JavaScript debugger**.
* Created form validations with JavaScript. Provided insight on **HTML** and **CSS** standards.

**Environment:** HTML, CSS, JavaScript and JQuery, Firefox Firebug, Sublime Text Editor, AJAX, XML, JAVA6.0, J2EE, Explorer, Chrome, Firefox, Windows.