**AKILESH SRINIVASAN**

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##### TECHNICAL SUMMARY:

* Over all 6 years of professional experience in Development, Implementation, testing of various client/server and web applications, using various UI- TECHNOLOGIES like **HTML/HTML5, CSS/CSS3, JavaScript, jQuery, ECMA6, SASS, LESS, AngularJS, Bootstrap, React JS, Typescript, XML, JSON** and **AJAX.**
* Hands-on experience in developing very good interactive web pages using the latest **HTML5** elements and **CSS3** elements for video playback, content rendering using semantic tags, for very good look and feel of the web pages from user perspective.
* Profound knowledge on CSS preprocessors – **Sass/SCSS** and **LESS**, to reuse the CSS code.
* Extremely skilled and efficient in developing responsive web applications using **CSS3 Media Query, Bootstrap**.
* Expertise in developing Single Page Applications using JavaScript frameworks and libraries like **AngularJS, React JS/Redux, Responsive web design.**
* Experience in developing Custom Tag libraries for **JSP** Pages.
* Specialized in developing Web 2.0 Apps using core **jQuery** along with **AJAX**/JavaScript.
* Handled different applications using a cross-platform JavaScript runtime environment which is an open source, event driven architecture Like **Node.js.**
* Experienced in **ES6** – a specific version of JavaScript with extra features to make the code more readable.
* Worked with mobile application development frameworks like **Phone Gap and Cordova.**
* Hands-on experience in handling and automating the web content specially JavaScript task runners using **Grunt** and **Gulp**.
* Hands on experience on using **Jenkins** as CI tool and **Maven** to build projects.
* Knowledge on **Web pack**, a module bundler that binds modules and generates static assets of that modules.
* Used **JIRA** as bug tracking tool and **GIT** for source code control systems.
* Expert in applying design patterns and API design along with good debugging skills.
* Wrote and maintained the client-side JavaScript tests with **Karma** and worked with **Selenium.**
* Also, used **Jasmine**, behavior driven development framework for testing JavaScript code.
* Experienced in using Text editors like **Eclipse, Brackets, Sublime Text, NetBeans, Notepad and Note pad++.**
* Have extensive experience in **Agile** Development, **Scrum** methodologies.

**TECHNICAL PROFICIENCY:**

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| --- | --- |
| Web Technologies | HTML4/5, CSS2/3, JavaScript, Bootstrap, ES6, Typescript, AJAX, JSON, XML, JSP, Sass, LESS, XHTML, DOM |
| JavaScript Libraries | jQuery, AngularJS, React JS, Node.js |
| Languages | C, C++, Java, Android, PHP |
| IDE and Tools | Eclipse, Sublime Text, Android Studio, Notepad++, Brackets, NetBeans, Visual Studio |
| Database | MySQL, SQL, Oracle |
| Application Server | WebLogic 8.0/10.3, WebSphere 6.0/6.1/7, JBoss 4.0 |
| Web Server | Apache |
| Version Control Tools | GIT, Subversion Control System (SVN), Microsoft Visual SourceSafe (VSS) |
| Methodologies | Agile, Scrum, Waterfall |
| Build Tools | Maven, Jenkins |

**EDUCATION:**

Texas A&M University – Kingsville Graduation:

Master of Science in Computer Science Engineering May 2018

##### Professional Experience:

**UI Developer**

**PwC, Tampa, FL Oct 2017 – Till Date**

* Created Front-end Applications using **HTML5,** **CSS3**, **JavaScript**, Twitter Bootstrap, jQuery, **React JS**, Node.js, AJAX, XML and JSON and involved in **Unit testing**.
* Developed non-functional HTML, CSS pages from the mockups and involved in UI review with UI architect and Business Units.
* Used jQuery to make the HTML, DHTML and CSS code interact with the JavaScript functions to add dynamism to the web pages at the client side.
* Hands-on experience in handling and pre-processing the CSS style sheets using **SASS** and **LESS** pre-processors for writing cleaner code with great reusability.
* Well versed with **ECMA Script6** for client-side scripting, extensively used with server based applications using NodeJS for effective code generation.
* Solid understanding of React Virtual Dom Algorithm, for React performance optimization.
* Experienced in creating dynamic and reusable components using **React JS** and working with **React Flux** architecture.
* Worked on **React JS** Virtual DOM and React views, rendering using components which contains additional components called custom HTML tags.
* Wrote client-side code using React JS for creating Single Page Applications and used **NPM** & **Gulp** directories to generate the server.
* Involved in writing application level code to interact with API's, Web Services using **AJAX**, **JSON**.
* Regular interaction of RESTful API design calls to populate the UI on the app using GET, PUT, POST and DELETE.
* Used AJAX framework for asynchronous data transfer between the browser and the server.
* Developed API back ends using **Node.js** to allocate access to data in **MYSQL.**
* Debugged the website using Chrome Developer's tools and hardcoded the API into script for getting the information about merchants using Node JS.
* Good knowledge of debugging JavaScript and html code with Firefox Firebug and Google chrome Developer tools.
* Performed testing using **Jasmine**, **Karma** and **Protractor** by following Test Driven Development approach.
* Used tools like Grunt, Gulp and Web pack as task runners and orchestrators for the build process.
* Worked with Build tools like **Maven** for automating the software build process.
* Used **GitHub**, version control system as a source repository to organize the code base.
* Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Followed Agile Scrum methodology for software development.

**Technologies:** HTML5, CSS3, JavaScript, jQuery, Bootstrap4, SASS, ES6, JSON, AJAX, GIT, Maven, Jenkins, MVC Framework, DOM, React.js, Node.js, Adobe Photoshop, Karma, Jasmine, JIRA, SCRUM.

**UI Developer**

**Intralinks Waltham, MA Aug 2016 – Sept 2017**

* Responsible in implementation of the presentation layer for the application using **HTML5, CSS3, JavaScript** and used **Karma, Jasmine** for Unit Testing.
* Developed the front-end applications, user interactive (UI) web pages with dynamic and browser compatible features using JavaScript, **jQuery**, and Bootstrap.
* Extensively used **CSS3** along with RWD to apply different styles to the layouts for varying screen sizes.
* Used CSS preprocessors like LESS and SASS with Bootstrap for responsive web design.
* Implemented ES6 features like Arrows, Classes, structuring to make the JavaScript much more readable.
* Worked with React JS Components, States, Forms, Events, Keys, and Lists.
* Created dynamic and reusable components using **React JS** and worked with **React Flux architecture**.
* Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
* Developing pages using jQuery, AJAX and JSON to parse on data to frontend on the fly.
* Knowledge in managing the content of the website by using **Adobe Experience Manager (AEM/CQ5)** to optimize the content which is rendered on the website.
* Also, worked with behavior driven testing framework for testing JS code like Jasmine.
* Also, automated the web layout content especially the JavaScript code using **Gulp**, to have a smoother workflow with minimal effort.
* Used the tools like Maven to build projects and Jenkins for deploying the CI.
* Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Used **GitHub**, version control system as a source repository to organize the code base.
* Participated in daily meetings to keep up track of the on-going project status and issues.
* Ensure project success by providing feedback after reviewing project plans, timelines, estimates, and requirements documents, to identify risks and mitigation strategies.
* As a scrum team member worked on agile stories, troubleshooting issues and fixing defects

**Technologies:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, Sass, ES6, JSON, AJAX, GIT, Maven, Jenkins, MVC Framework, DOM, React.js, Node.js, Adobe Photoshop, Karma, Jasmine, JIRA, SCRUM.

**UI Developer**

**Thermo Fisher, Austin, TX Oct 2015 – Jul 2016**

* Involved in the requirement analysis, design phases and implementation of the project.
* Created user interface from provided design concepts by using standard HTML/CSS practices and identifying solutions for performance, and cross-browser issues.
* Developed the front-end applications using HTML4/5, XHTML, CSS2/3, **JavaScript, jQuery**, **AngularJS**, and **Bootstrap**.
* Developed data insertion forms and validated them using JavaScript.
* The pages are made responsive using **CSS3**, preprocessors like **SASS, Bootstrap,** and **media queries** to support desktop and tablets.
* Coding of custom WordPress theme and template files using HTML, CSS, PHP, and Bootstrap 3 framework.
* Used **AngularJS**, a JavaScript framework to create **Single Page Application(SPAs**) which can bind data to view and synchronize data with server.
* Used AngularJS **Model View Controller(MVC)** architecture and two-way binding for creating webpages.
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks.
* Utilized React for its efficient data flow architecture to create a lightweight and render efficient web application.
* Implemented various screens for the front end using React.js and used various predefined components from **NPM (Node Package Manager**) and **redux library**.
* Implemented the design to meet **web standards (W3C**) and worked on various browsers for cross-browser implementation.
* Enhanced user experience by designing new web features using MVC Framework like node.js.
* Used **Node Package Manager**, Web pack to install the necessary packages from my app, used Gulp for Task Automation.
* Responsible to track different versions of files using VSS.
* Performed testing using Jasmine, Karma, and Protractor by following **Test Driven Development (TTD)** approach.
* Worked with the QA team to fix the bugs, test the load, and performance checking.
* Prepared Bug report and used **Bugzilla** for tracking of Bugs.

**Technologies:** HTML5, CSS3, JavaScript, Bootstrap, React JS, AngularJS 1.5, JSP, AJAX, jQuery, node.js, Web pack, Jasmine, Karma, Adobe Flash, VSS, SQL, Agile.

**Web Developer**

**Medlife, Hyderabad, India Aug 2012 –July 2015**

* Designed and developed User-friendly web based interfaces using **HTML, CSS, JavaScript, Angular JS.**
* Used **Cascading Style Sheets** (CSS) to maintain design consistency across all web forms.
* Extensively used Bootstrap for rapid development and styling of HTML components.
* The portal is made responsive using **CSS3**, preprocessors like SASS, Bootstrap, and media queries to support desktop and tablets.
* Implemented dynamic page elements and form error validations using JavaScript.
* Used jQuery core library functions for the logical implementation part at client side for all the application.
* Used jQuery plugins to create autocomplete, validation, drag and drop features.
* Used JavaScript framework, AngularJS to create single page Applications.
* Created Angular components like controllers, services, directives, and forms to collect different user data and implemented form validation in Angular.
* Used **Angular MVC** architecture and two-way data binding techniques in the development of the application.
* Exchanged data between backend server and UI in JSON or XML format using AJAX calls.
* Involved in redesigning and improving existing pages to enhance the performance of the system.
* Developed Web API using MVC framework for all business logic and exposed to the front-end interfaces.
* Debug the application using Firebug to traverse the documents and manipulated using DOM and DOM Functions.
* Used Agile methodology for the software development.
* Responsible for development, test, and maintenance of applications.
* Handling cross browser/platform compatibility issues (IE, Firefox, and Safari) on Windows.

**Technologies:** HTML, CSS, JavaScript, jQuery, AngularJS, Bootstrap, AJAX, DOM, MVC framework, Agile methodology, XML, JSON.

**Software Engineer**

**Ericsson, Hyderabad, India Aug 2011 – Jul 2012**

* Participated in Software Development Life-Cycle (SDLC) preparing Requirement Specification documents, design documents, Test cases and Technical Help documents.
* Worked in developing dynamic robust UI screens using **CSS, HTML, JavaScript, and jQuery**.
* Used JavaScript for client-side validations.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript and jQuery.
* Used different IDEs like Eclipse and visual studio for coding.
* Involved in implementing the UI to support all the major browsers like Internet Explorer, Mozilla Firefox, and Google Chrome.
* Debug the application using Firebug to traverse the documents and manipulated the nodes using DOM and DOM Functions.
* Designed report previews for PDF and Excel using SQL Stored Procedure.
* Created and used SQL Queries, Stored Procedures, and Triggers in SQL server.
* Developed application for different browsers and fixed bugs for browser compatibility.
* Followed the rules of Agile, implemented Scrum Environment within development teams.
* Responsible for unit testing, integration, and regression testing of the developed webpages.

**Technologies:** HTML, CSS, JavaScript, jQuery, MYSQL database, SQL server, windows XP/7