**AKILESH S**

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##### TECHNICAL SUMMARY:

* Around 6 years of professional experience in Development 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.**
* Prowess in developing Single Page Applications using JavaScript frameworks and libraries like **AngularJS, React JS/Redux, Responsive web design.**
* Specialized in developing Web 2.0 Apps using core **jQuery** along with **AJAX**/JavaScript.
* Efficient and knowledgeable 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.
* Intense knowledge on CSS preprocessors – **Sass/SCSS** and **LESS**, to reuse the CSS code.
* Immensely skilled and efficient in developing responsive web applications using **CSS3 Media Query, Bootstrap**.
* Experience in developing Custom Tag libraries for **JSP** Pages.
* 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 |

##### Professional Experience:

**Verizon**, Albuquerque, NM Oct 2017 – Till Date

**Role**: UIDeveloper

**Description**: As a Front end web developer I assist in ongoing creation and maintenance of our website and also find creative solutions to our development challenges. As a core team member of our development team I am responsible for supporting our corporate websites, landing pages, integrations. I also work closely with the designers, front end developers, back end developers to meet the deadlines.

**Responsibilities**:

* 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.

**Apple** **Inc**, Sunnyvale, CA Jan 2017 – Sept 2017

**Role**: UIDeveloper

**Description**: Apple Inc. is an American multinational technology company that designs, develops, and sells consumer electronics, computer software, and online services. As a part of developing team, we were heavily involved in developing React Application and static webpage components. My role was more focused on developing Single Page Application(SPA). I was responsible for designing and implementing the user-facing interfaces for a variety of scalable, reliable, and secure distributed computing systems for Apple’s internal engineering teams.

**Responsibilities**:

* 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.

**Visa**, Austin, TX Nov 2015 – Oct 2016 **Role:** Front End Developer

**Description**: Payment related System is a web application used for maintenance of the VISA card related transactions details between VISA and Banks. This application enables different users such as Account Manager, Merchants, Users to view details of the transactions based on the login credentials. The functionalities and views of user’s changes based on the hierarchy level.

**Responsibilities**:

* 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.

**Hi-Tech Company Software Solution Chennai Private Limited, India** Aug 2013 –July 2015

**Role:** WebDeveloper

**Responsibilities**:

* 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.

**Ericsson**, Hyderabad, India Aug 2012 – Jul 2013

**Role**: SoftwareEngineer

**Responsibilities**:

* 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