**Sneha Andhe**

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**PROFESSIONAL SUMMARY:**

* Over all **7+ years** of professional experience as UI/Front End Developer using **HTML, XHTML, DOM, CSS, JavaScript/ ES5/ ES6, jQuery, AJAX, JSON, XML, Angular JS v4, React JS Backbone JS**.
* Worked on virtualization of servers **via AWS Lambda**, **AWS** Elastic Beanstalk.
* Worked on all phases of Software Development Life Cycle (**SDLC**) using various methodologies like Agile
* (**Scrum**), Waterfall.
* Strong knowledge of Development Frameworks like **Bootstrap** for developing Cross-Browser applications and compatibility with portable devices.
* Strong fundamentals and experience in Document Object Model **(DOM**) functions.
* Good experience in creating components documentation using **React JS**.
* Experience in working with **CSS** pre-processors like **SASS** and modern techniques such as **Flex box**.
* Strong experience in using **AJAX, jQuery** for implementing dynamic webpages where the content can be fetched **via API calls**, using **RESTful**.
* Used the new features and updates of **HTML5** such as **Canvas** and **SVG**, new input attributes, audio, video, local storage, etc.
* Good experience using Grunt for **Front End Task Runner**. Also, using package managers like Bower and **NPM**.
* Expertise in **building MVC style SPA's** using various JavaScript frameworks for linking presentation layer to application layer using **JSON or XML** as data-exchange format.
* Expertise in advanced JavaScript libraries and frameworks such as Prototype**, Angular JS, React JS, Node JS and Object-Oriented Programming in JS**.
* Experience in software configuration management using **SVN, Git**.
* Experience in testing web applications using **Mozilla Firebug** and Browser Developer tools.
  + Worked on Selenium for automation testing and knowledge on testing frameworks like **Jasmine, Mocha.**
  + Used React JS to create **Responsive Web Design (RWD)** and used media Queries to make webpages responsive for mobile.
  + Experience in developing Custom components, templates, campaigns, and workflows using **AEM 6.0 and CQ5.**
  + Experimented with the **WebGL** platform using the **ThreeJs library.**
  + Used Jasmine to perform unit testing of parts of **Backbone JS applications**.
  + Developed webpages complying with Web Content Accessibility Guidelines (**WCAG**) and ability to apply W3C web standards.
  + Expertise using most of the popular **IDEs/Editors like Eclipse, IntelliJ, Web Storm, Notepad++ etc**.
  + Profound experience in creating real time data streaming solutions using **Apache Spark /Spark** Streaming, Kafka and Flume.
  + Proficient in Object Oriented Programming (**OOP**) concepts.
  + Familiar with Full stack web development tool **MEAN** stack.
  + Well versed with **Software Development Life Cycle process** which includes designing, developing, testing and implementation.
  + Great ability to write clear, maintainable, well-documented, well-commented and efficient code for web development.
  + Strong experience in designing and implementing database-level **T-SQL, Views, SQL Queries.**

TECHNICAL SKILLS:

* **Databases :** MySQL, SQL Server 2005/2008/2012, DB2.
* **Programming Languages :** C, C++, JavaScript, SQL, and Java.
* **Operating Systems :** Windows, Linux, UNIX.
* **Protocols :** HTTP, SOAP, TCP/IP.
* **Application Servers :** Apache Tomcat, Web Logic, Web Sphere.
* **Software Tools :** Microsoft Visual Studio, Photoshop, Dreamweaver, Sublime

Text 2, Web Storm.

* + **IDEs worked on :** Notepad++, Visual Studio, Eclipse, NetBeans, Edit Plus,

Brackets, Adobe Photoshop, Dreamweaver.

* + **Web Development :** HTML5, CSS3, JavaScript, jQuery, PHP, JSON, JDBC, AJAX,

XML, XHTML, DHTML, AngularJS, Angular-formly,

Backbone JS, Node JS, and Bootstrap.

**Centene Corporation, St. Louis, MO March’2017 – Till Date**

**Role: UI Developer**

**Responsibilities:**

* Good understanding of microservices architecture and work closely with architect for product requirement and management stack.
* Responsible for creating efficient design and developing User Interaction screens using **HTML5 (new tags like audio, video, canvas) CSS3, JavaScript, jQuery, AJAX and JSON**.
  + Working on Automated microservices development framework to improve fast development and easy Onboarding process.
  + Developed **Spring Boot** based **Micro Services** & implemented Spring cloud/Netflix **API** architecture p Confidential erns (Eureka Service discovery, Configuration server).
  + Used **HTML5** elements like video, audio and **canvas** in making the website interactive.
  + Hands-on experience in developing and deploying loose coupled **microservices**.
  + Expert knowledge of deploying container-based applications using tools such as **Docker**
  + Worked on Design and development of **RESTful APIs** using **Node.js** and **JSON**.
  + Facilitates Angular components like modules, components, built-in and customized directives, services, components to build **Model-View-Controller (MVC)** architecture for the web application using **typescript.**
  + Used the Java based xpath API in the **AEM** workflow process to parse and read the XML.
  + Configured **Spark** streaming to receive real time data from the **Kafka** and store the stream data to HDFS using **Scala**.
  + Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **angular 2.**
  + Developed Virtual Bathroom/Shower designer, with a 3D view using **ReactJs** Rendering and **ThreeJs** Library for 3D Modules.
  + Experience in writing Build Scripts using Shell Scripts, ANT, **MAVEN and using CI** (Continuation Integration) tools like Jenkins.
  + Utilized Angular for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the **GitHub** API through keywords.
  + Implemented User Interface using **HTML, CSS, Type script, Bootstrap 3.X, Angular 2.x.**
  + Configured **Kafka** to read and write messages from external programs and handle real time data.
* Expertise in client scripting language and server-side scripting languages like **JavaScript, jQuery, Node.js, Express.js, React.js, Redux, Angular.js 2.**
  + Expert on implementation of **Restful API** using Sequalize.js (**MySQL ORM**) with **Node.js** framework.
  + Worked on setting up **AEM** projects using **Maven.**
  + Worked on **AEM 6.1** Slightly for developing custom components and dialogs.
  + Extensively used **CSS (Cascading Style Sheets) along with RWD** to apply different styles to the layouts for varying screen sizes and pixels.
  + Experience in handling messaging services using **Apache Kafka**.
  + Experience with **DevOps (CI/CD)** tools Jenkins, JIRA, SVN.
  + Working in **MySQL, RDS database with node.js framework to develop APIs.**
* Intermediate knowledge of developing AWS services bases on architecture with **API Gateway.**
* Expert knowledge of modern back-end JavaScript (**Node.js**), **front-end JavaScript, Angular 2.0, HTML, & CSS, including libraries and frameworks.**
* Used **Node.js, AWS, Lambda** for building customized Alexa Skill Set.

**Environment:** HTML, HTML5, CSS3, GIT, AJAX, RWD, jQuery, DOM, GUI, Handlebars.JS, JSON, JavaScript, AWS, Lambda, Typescript, AEM, EXTJS, ES6, Maven,Bootstrap, data structures, AngularJS 2, GIT, Nodejs, Xml, RESTful Web Services.

**Sammons Financial Group, Sioux Falls, SD Mar’2016 – Feb’2017**

**Role: Front End UI Developer**

**Responsibilities:**

* **Used JavaScript** for developing **UI Components** like Editable drop down, data-driven menu customizations.
* Architected and implement **REST api** interfaces using **JavaScript and Node.js**
* Expertise in Advanced JavaScript libraries and frameworks such **as Prototype, Ext JS, Angular JS, Node JS and Object-oriented programing in JS.**
* Experience with various **MVC Java** frameworks like **Angular, Node, bootstrap**, etc.
* Developed responsive applications using **Bootstrap, Require and Node, D3** which allowed the same application to be optimized for both mobile and desktop resolutions.
* Worked on the modernization of a legacy and outsourced **UI**. Technologies used were **Backbone.js, jQuery**.
* Configured **typescript** application through tsconfig file for various purposes like transpiling, debugging, tracing, generating separate folder for distributable etc.
* Real time streaming the data using **Spark** with **Kafka.**
* Integrated **AEM** with brackets extension to provide a smooth workflow to edit AEM components and Client Libraries.
* Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems **Kafka** through persistence of data into HBase.
  + Expertise in using **NoSQL database** like **MongoDB** to support the storage of **JSON** objects and provides the storage for security related information.
* Implemented various screens for the front end using **React.JS** and used various predefined components from npm (Node package Manager) and redux library.
  + Involved in using **React JS and Redux components**, Forms, keys, Events, Router, Animations and Flux concept.
  + **Maven** was used for building automation of jars in the project.
  + Involved in defining build process with **Maven** scripts and customizing through **CI b**uilds using **Jenkins.**
  + Committed code change into repository by using version control tool **Git.**
  + Developed Open stack **API** to integrate with Amazon EC2 cloud-based architecture in **AWS**, including creating machine Images.
  + Build **RESTful web service** by building Node.js Server in the back-end to handle requests sent from the **front- end jQuery** and **AJAX** calls.
  + Created **RFP** (Request for Proposal) microservice to provide **RESTful API** utilizing **Spring Boot** with **Spring MVC**.
  + Worked on **GitHub** to maintain the repository.
  + Implemented **Spring MVC framework** in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.

**Environment:** AGILE, TDD, HTML5, CSS3, JSON, Amazon EC2, AWS, RESTful, jQuery, AJAX, React JS, Spring Boot, MVC controllers, Factory Pattern, Singleton, AEM, Maven, GIT, PL/SQL, GWT, SVN, GitHub, Chef, Jenkins, MongoDB, Lambda, JMeter, Junit, JBoss, UNIX.

**ING Vysya Bank, Bangalore, India June’2013 – July’2015**

**Role: Front End UI Developer**

**Responsibilities:**

* + Designed phase and assisting the team to develop admin UI services like manage users, roles, messages, etc., using **Spring MVC security**.
  + Implemented **Spring AOP** for admin services.
  + Implemented application level persistence using **Hibernate and Spring.**
  + Configured **Struts, Hibernate framework with Spring MVC**.
  + Used **Ibatis** to populate the data from the Database.
  + Used the **MySQL** migration project. To make the system completely independent of the database being used. Used Spring Ibatis to implement this.
  + Used coding with **HTML5, LESS, JavaScript, Angular JS, Bootstrap and JSON**, **AJAX.**
  + Used Client web application using **React.js, Redux, and Webpack**
  + Used **Node.js, AWS, Lambda** for building customized Alexa Skill Set.
  + Developed User Interface having animations and effects using **JSF, jQuery, Bootstrap.js, JavaScript, AngularJS and HTML.**
  + Used settings page **backbone.js** models and collections into Angular services.

**Environment:** HTML5, XHTML, CSS3, Bootstrap, Java Script, jQuery, Git, JSON,AWS, AJAX.

**Value Labs, Hyderabad, India May’2011 - April’2013**

**Role: UI Developer**

**Responsibilities:**

* + Developed Page layouts, Navigations and presented designs and concepts to the clients and the management to review.
  + Involved in discussions with the System Analysts to identify the technical requirements
  + Responsible for translating designs and concepts into highly usable and engaging web applications using a variety of technologies.
  + Developed web presentation layer using **HTML** and **CSS** according to internal standards and guidelines.
  + Extensively worked on designing web pages using **HTML, CSS, JavaScript and Ajax**.
  + Development the whole application module using technologies such as **JavaScript, jQuery** and more.
  + Involved in application performance tuning, investigated Memory leaks, **CPU** and Memory profiling, tuning of production server to provide maximum productivity and minimum overhead.
  + Involved in writing application level code to interact with **API**s, Web Services using **AJAX, JSON** and **XML**.
  + Responsible for checking cross browser compatibility and hence worked on different browsers like safari, Internet explorer, Firefox and Google chrome.
  + Designed the table less web applications using **CSS** and with the help of and tags as per **W3C** standards.
  + Worked with teams where requirements are constantly being implemented, tested and improved.

**Environment:** HTML 4, CSS 2/3, Vanilla JavaScript, JQUERY, JSP, AJAX, JSON, XML.