**Koul Sangeeta**

**Lead Angular Developer /Reactjs**

[**sales21@kteksoft.com**](mailto:sales21@kteksoft.com)

**+1(479)-437-5894**

**Summary:**

* Around 11 years of extensive experience in designing User Interface (UI) applications and professional web applications using HTML 5, CSS2/CSS3, JAVASCRIPT, jQuery, Angular, ReactJS, NodeJS, AJAX, JSON and XML.
* Experience in building Single Page Application (SPA) using Angular JS /Angular7/9/11/12/13 and ReactJS framework.
* Have knowledge in front-end architecture, including performance, accessibility and security, high quality code Scalability.
* Expertise in React JS framework to develop the SPA. Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Good Experience in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Familiar with creating Custom Reusable React Components Library.
* Worked on Angular JS directives, Controllers, Filters, Services, Templets, Events, and Injectors.
* Experience in Angular9, ReactJS, NodeJS.
* Experience in applying the latest development approaches including Model-View- Control, event-driven applications using AngularJS, AJAX, Object-oriented JavaScript, and JSON.
* Developed API driven responsive Web Application by integrating Angular7/9 with Bootstrap and API's.
* Extensive experience in various UI widgets using JavaScript libraries (jQuery) and developing Rich Internet Applications (RIA).
* Solid experience with Responsive Web Design (RWD),
* experience in creating test suites using JASMINE.
* Used Bootstrap for the responsive web design and used JavaScript and jQuery for form validations.
* Experience with front-end development with back-end system integration.
* Proficient in working in Test Driven Development (TDD) by writing test-cases in JUnit.
* Great knowledge in front-end architecture, including performance, accessibility and security, high quality code Scalability.
* Worked with NPM commands and using package.js on for managing dependencies and dev-dependencies of NodeJS applications.
* Cooperating with the back-end developer in the process of building the RESTful API
* Experience in using jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Worked with Gulp as the build task runner to build and package the application and
* Grunt as build tool for configuring tasks.
* Having knowledge on SQL & PL/SQL (Packages, Views, Stored Procedures, Functions, Sequences, files and Triggers).

**Education Details:**

* B.com General in 2011 from Govt College for women’s, Parade ground, Jammu, Jammu & Kashmir.

**Technical skills:**

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| --- | --- |
| **Web Technologies** | HTML5, CSS3, JavaScript (ES6), jQuery, Bootstrap, AngularJS, Node JS PHP, AJAX, JSON, XML, SASS, JS Build and Package management (Bower, Gulp, Grunt, NPM, etc.), RESTFUL SOAP, ReactJs, Python  Web Services |
| **Testing Tools** | J Unit, Developer Tools, Jasmine, Karma, API management |
| **Methodologies** | Agile, Scrum |
| **Web Serves** | Web Logic 8.1, Web sphere 7.0/8.5, Web sphere portal, Apache  Tomcat, DOM Parser, XSL, X Path |
| **Frameworks** | Angular JS, Angular 2/4/7/9/11/12/13, Node JS, React JS. |
| **Database** | My SQL, Mongo DB, SQL Server |
| **Operating Systems** | Windows 2000/XP/Vista/7/8/10, Unix, Linux |
| **IDE’s** | Net Beans, Eclipse, Visual Studio code, Web Storm |

**Role: Sr. ReactJs Developer June 2024– Till now**

**Client: Optum (United Health Group), Remote**

**Roles & Responsibilities:**

* Developed dynamic web applications using React.js, ensuring a seamless user experience.
* Designed and maintained robust backend services in Python for high-availability systems.
* Led API lifecycle management initiatives, enforcing best practices for security and scalability.
* Deployed cloud-based applications in Azure, leveraging its full suite of services.
* Monitored and optimized cloud resources using HCP Console to support business operations
* Expertise in React.js, Python, and cloud technologies like Azure and HCP Console.
* Experience in API Management, including design, deployment, and maintenance of scalable RESTful and GraphQL APIs.
* Strong background in delivering robust and efficient web applications, cloud-based solutions, and seamless integrations across platforms.
* Demonstrates an agile mindset with a focus on innovation, collaboration, and aligning technical solutions with business objectives.
* Expertise in React.js for building scalable and responsive web applications with modern design principles.
* Proficient in Python for developing APIs, data processing, and server-side logic.
* Comprehensive experience in API gateway configuration, policy enforcement, and lifecycle management.
* Hands-on experience with Microsoft Azure services (App Services, Functions, Storage, Logic Apps) and HCP Console for deploying and managing cloud-native applications.
* Skilled in integrating third-party services and automating workflows.
* Familiar with Git, CI/CD pipelines, and project management tools like Rally.
* Designed and implemented scalable API solutions, improving service reliability and reducing latency by 20%.
* Developed and maintained multiple user-facing applications with a focus on performance and usability, increasing customer satisfaction by 25%.
* Successfully migrated critical applications to Azure, leveraging cloud-native solutions for increased efficiency.

**Client: 7 Eleven November 2020 – June 2024**

**Role: Lead React.js UI Developer/ Lead Angular Developer**

**Roles & Responsibilities:**

* Developed dynamic web pages using **HTML/HTML5, CSS/CSS3, jQuery, React js, Bootstrap**, Less, **CSS3**, **SASS** and **AJAX.** Developed single page applications using **React** **java** architecture, ES6, web pack and grunt.
* Developed various screens for the front end using **ReactJS** and used various predefined components from **NPM** (Node Package Manager).
* Created a lead generating and contact system that would keep track of incoming web requests so managers could work with their **leads** in a sufficient manor.
* Lead the vision of the application, which needs to be dynamic and perform fast; then the solution is to union data queries based on similar criteria.
* In other words, bring back more related data but on a smaller subset to provide a variety of functionalities that will be fast.
* Worked on integrated **Spring Cloud** projects to provide distributed tracing and used **Spring Core annotations**for **Spring Dependency Injection, Spring MVC** for **Rest API’s** and **Spring Boot**for **microservices.**
* Develop various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux libraries. Implemented **HTTP REST API using NodeJS** and extensively tested **RESTful** services using POSTMAN.
* Developed **RESTful web services** using **JAX-RS**, Apache CXF and spring frameworks and persistence using **Hibernate** and **JPA ORM** frameworks.
* Build prototype for various required services such as Logging, Scheduling and Notification Service using third party Node JS based JavaScript library.
* Integrated Angular app with OIDC and OAuth for identity verification for SSO users.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL.
* Proficiency in cloud applications such as Amazon Web Services (**AWS**)
* Proficiency in Amazon Web Services **(AWS)** set up.
* Expertise in Angular 14.0.
* Has worked with **Node.JS for writing code** in the server side and creating scalable network applications.
* Worked on designing, coding and developing the application in Python using Django MVC.
* Worked with modules like **MongoDB** and **Cassandra** for database persistence using Node.js to interact with **MongoDB**. Performed **troubleshooting on all mobile platforms** both through telephony Avaya system, and with remote support, Supporting **iOS, Android.**
* Used Angular 11, 12 & 13, and PrimeNG for the front-end development, Created a unique mobile 1st web design by developing CSS3 and SCSS classes for branding and theme with a PWA including Figma wireframe for all breakpoints.
* Experienced in Continuous Integration and Continuous Deployment (CICD) using Jenkins, Docker, Kubernetes (K8s), Helm & Infrastructure Automation using Ansible.
* Created UI templates and functionality to be merged with the backend **REST/SOAP API** for proper communication of front and back end to enable efficient working of application
* Managing data originating from various end users and store it in **PostgreSQL database**.
* Implemented services, controllers, directives, factory functions to properly consume API on the front end and send back data in JSON format to the back end by capturing in the UI.
* Rewrote existing Python/Django modules to deliver certain format of data.
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, JQuery, Node.js, Angular Js, and HTML to speed the application.
* Implemented a CI/CD pipeline with Docker, Jenkins and GitHub by virtualizing the servers using Docker for the Dev and Test environments by achieving needs through configuring automation using Containerization.
* Worked on some of the new features of Angular 12 like new if else syntax, ng-templates, and form validators.
* Used Node.js to run Webpack tasks and build properly the project.
* Experience in working with RESTful Web Services and implementing **RESTful API's and SOAP** protocols. Worked with various MVC Java frameworks like Angular.JS, EXT.JS, Backbone.JS, Node.JS, Ember.JS, bootstrap.JS, Require.JS and D3.JS.
* I updated the order management system which is currently built with Angular 11, NgRx 10, RxJS 6, Angular Material 11, Angular Universal, and SCSS.
* Designed & developed using HTML5, CSS3, JavaScript, XML, AngularJS, Angular 10,11,12 &13, NodeJS, JSP, JSON, Vue.js, JSF, J2EE and Ajax.
* Installed node modules such as lodash, react-bootstrap, Enzyme, Mocha, Jest, Chai, babel, and node-sass and more.
* Used AJAX calls and JSON through Angular 11 & 12 http to make asynchronous calls to the project server to fetch data from restful
* Experienced in developing Gitlab CI/CD to run component tests, auto increment versions, and deploy to Crashlytic Beta users.
* Used Spring Security OAuth2.0 and OIDC for authorization and authentication for social web applications
* Developed Restful API's using Python Flask and SQL Alchemy data models as well as ensured code.
* Worked as a Node.js developer, Expert knowledge of modern back - end JavaScript (Node.js), front-end JavaScript, React Js, HTML, & CSS, including libraries and frameworks.
* Developing the business functionalities and exporting them as RESTFULweb services. Developed application using Angular.JS and Node.JS connecting to Oracle on the backend.
* Experience in implementing MEAN Stack (Mongo DB, Express.JS, Node.JS. Experience with Node.JS using web server-based frameworks such as Express.
* Designed and implemented the user interface using HTML5, XHTML, XML, CSS3, ES6, Ember JS JAVASCRIPT, and Angular JS, Node JS, and mongo DB.
* Experience with Front-end JavaScript frameworks like Angular JS, Node JS and with the creation of RESTful Web service.
* Extensive experience in building CI/ CD pipelines using Hudson, Bamboo, Jenkins, and TeamCity.
* Implemented modules into Node JS to integrate with designs and requirements
* Used React JS to create Controllers to handle events triggered by clients and send request to server.
* Worked with Node.js, React, Vue, Svelte, Django, Google Cloud, .NET, and PHP
* Installed node modules such as lodash, react-bootstrap, Enzyme, Mocha, Jest, Chai, babel, and node-sass and more.
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Managed and troubleshooted of Python Django and Flask.
* Worked with **JSON web tokens** for authentication and authorization security configurations using Node.js
* Used Bootstrap and AngularJS, React.js and Node.js in effective web design.
* Created the Application using React.JS and Node.js libraries NPM, gulp directories to generate desired view and flux to root the URL's properly.
* Worked on Node Js for developed intensive web applications like video streaming sites and single page applications.
* Configured CI/ CD pipelines using Azure devops, automating deployment process, improving speed.
* Rewrote existing Python/Django modules to deliver certain format of data.
* Worked with Grunt, Gulp for task runner configurations for minification, watch**, jshint, jscs, cssautoprefixer, EXT JSsass** compilation, bundling and test runner configurations and make it available as a command.
* Worked with unit testing of JavaScript applications using Karma, Jasmine.

**Role: Lead Angular Developer November 2018 – October 2020**

**Client: Celtic Insurance, Chicago, IL**

* Lead the architecture and development of a custom content management system for blogging purpose.
* Provide technical guidance to team members as team lead, create tasks, provide estimates, lead meetings with the product owner and team members, and provide technical solutions to business problems.
* Used NPM for installing required node modules and other published Angular NPM modules.
* Built Confidential tool using Angular 12/13, RXJS, and NGRX platform.
* Worked Extensively with Angular CLI for creating components, Services, pipes.
* Created Directive for Typehead search functionality using RXJS and Angular.
* Enhanced legacy application by building new components in Angular and typescript.
* Designed and developed the application using Angular framework along with HTML5, CSS3, Type Script, Java Script, Bootstrap, Node.js, NPM, Mongo DB.
* Moved existing AngularJS controllers and services to Angular components for more responsive and less dependency. Migrated applications to containerized environments using Docker and K8s.
* Developed single page applications with multiple modules using Angular , Typescript, and RXJS.
* Hands on Experience on Angular  technology for one complete project in rebasing the UI of the application using the techniques in Angular .

**Environment:** ReactJS, Redux, NodeJS, Angular 12/13, Handlebars, SharePoint, HTML5, CSS3, Spring, JavaScript, AJAX, JSON, SASS, RxJS, React Material, PostgreSQL, Jest, Enzyme, Visual Studio, TFS, Agile.

**Client:** **Remitly - Seattle, WA** **October 2016 – September 2018**

**Role**: **React.js Developer/Angular Developer**

**Roles & Responsibilities:**

**Remitly** is an international payments company that leverages digital channels, including mobile phones, to send money internationally. Remitly's digital products are fundamentally faster, less expensive, and far more convenient for customers to send money across borders.

**Responsibilities:**

* Developed Web Pages by using HTML5, CSS3, JavaScript and ues JavaScript frameworks such as Angular 2.
* Implemented UI by adapting Angular 2 framework with Typescript, HTML5, and CSS.
* Responsible for developing a front-end application using React JS and REDUX architecture for internal team's productivity use.
* Worked on container based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Working on Single Sign-on using SAML npm-package
* Worked with diverse technologies such as React.js, Flux, Webpack, AngularJS, React-router and ES6.
* Worked on Redux with React to handle large chunks of data for the better performance.
* Designed the Front-end applications, as well for user interactive (UI) web pages using web technologies like HTML5, CSS3, Es6 JavaScript, React JS and React-Native, Redux Saga.
* Created Polymer.js, ES6 application to make UI by Dragging and Dropping the web components, where each component contains different microservice and make UI after combine all microservice together.
* Involved to implement various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Developed ES6 web components for the multiple uses in the UI.
* Implemented various screens for the front end using React.js and used various predefined components from NPM and Redux. Used Babel for transpiring code written in ES6 to ES5 supported by most browsers.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 2. Designed Frontend within object-oriented JavaScript Framework like Node.js and Ext JS
* Developed user interface using JSP, JSTL and Custom Tag Libraries and AJAX to speed the application. Integrated Redux into the React JS application to maintain the whole state of the application using store.
* Experience with Docker Containers, microservices, serverless architecture, container orchestration frameworks such as Kubernetes and Amazon ECS, DevOps models.
* Used Bootstrap and AngularJS UI Bootstrap for creating rich, Responsive UI Screens for varying screen sizes and devices, worked with Responsive Web design using Bootstrap.JS
* Designed DOM based interactive to reprogram selected links and adopted WCAG standards.
* Used Backbone.js, Ember.js and Require.js to create Views to hook up models to the DOM and synchronize data to/from server.
* Made secure web app and protected from Cross Site Scripting (XSS) and Cross Site Request Forgery (CSRF) by using JavaScript. Resolved CORS issues by setting proper client and server-side headers.
* Worked on highly advanced user interface design and development using JavaScript, Angular 4, Node JS, HTML5 and CSS LESS/SASS. Developed CSS3 style sheets and made use of CSS preprocessor SASS to give gradient effects.
* Involved for context of security using SAML
* Implemented Presentation layer using JSP, Servlets , Backbone, AngularJS CSS framework, SASS, LESS, Compass, HTML/CSS into java deployed applications, Wire-framing, HTML5.
* Used CSS, Reactjs, Redux, saga, Thunk, react HOC, Material-UI, React Bootstrap, Axios, flux, mobx, nextjs, sass, less, Lodash for applying style in entire applications.
* Worked in Agile environment using Java, Hibernate, Spring, Angular, Docker, Slack and Jira.
* Developed Internet/Intranet and Client/Server applications using Java and J2EE technologies like JSP, Servlets, JavaBeans, Javascript, HTML, XML.
* Design, developed of many PL/SQL batches using JAVA with connectivity to Oracle for data maintenance/handling.
* Experience in user authentication while accessing RESTful services using OIDC
* Configured Hibernate, Spring and MyFaces (JSF) to map the business objects to MySQL Database using XML configuration file. Developed Web Services to communicate to other modules using XML based SOAP and WSDL.
* Implemented multiple J2EE web service projects using Java, REST, SOAP, Spring, WebLogic and Websphere in production. Implemented application using Visual Studio Code, CSS, Angular CLI and Restful Web API.
* Protocols used SAML-2.0, OAuth 2.0, OpenID-Connect, LDAP
* Designed UI patterns and developed applications with the help of Eclipse, Sublime text and Adobe Dreamweaver.
* Designed dynamic and multi-browser compatible pages using AJAX, Grunt and JSON.
* Worked on tools like Gulp, Grunt, Webpack and developed CLI applications using commander module.
* Designed deployment system using Nginx for web requests to multiple node applications.
* Developed single page applications and Micro services, using NodeJS and React libraries and Manage continuous integration and deployment for microservices in the AWS platform using (Kubernetes Cluster, Docker, Nginx Proxy, Nexus, Jenkins and GitLab).
* Designed a data analysis pipeline using Amazon Web Services such as S3, EC2 and Elastic Map Reduce.
* Used and configured NGINX and Node.js servers for the portal to run on and made them work even for CORS.
* Testing the Configuration and integration of various applications with Okta, on sandbox environment as per requirement.
* Used the test framework Mocha that runs on Node.js for asynchronous testing
* Developed CI/CD system with Jenkins on Google's Kubernetes container environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build and test and deploy.
* Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Developed web applications quickly and effectively Responsive Web Design, Frameworks, Ionic, Twitter Bootstrap and experience in making web page's cross browser compatible.
* Used Ionic along with Cordova, Phonegap to build native apps and integrating hybrid components to the application.
* Responsible for initial design and development of new Authentication Flow for different types of users using SAP CDC services (a third-party customer data cloud) like Customer Identity, Customer Consent, and CIAM for B2B.
* Developed React JS pages, and Mobile Application Using React-Native Using Expo and Android Studio Web services calls, AJAX calls for the application.
* Used GitHub and Jenkins for the continuous integration and deployment. Worked on github for tracking process of coding. Test-driven development using Jasmine unit test and grunt.
* Performed Unit testing using Jasmine, Karma, Chai to fix bugs and experience on TDD Iterative and Incremental development, and Automate test using tools like Selenium and protractor.
* Developed test suites in Selenium WebDriver (Java) with TestNG framework in Eclipse IDE for regression and sanity testing. Built unit test cases and integration test cases using Mocha, Chai.
* Conducted Usability Testing using Karma, Jasmine and end to end testing using Protractor and Gulp to resolve interface problems. Bugzilla was used to report and track bugs, JSLint for ensuring quality code.
* Testing the Configuration and integration of various applications with Okta, on sandbox environment as per requirement.
* Used Jenkins tool to setup Maven and perform unit testing for a web application and performed code analysis by using Jenkins. Performed application deployment using JBoss application server on Windows and Linux.
* Extensively worked in groupware and project management software such as Slack, HipChat,
* Documented the progress of the daily stand-ups with the Atlassian stack (JIRA, Confluence, HipChat).
* Designed and developed the application using agile methodology and followed TDD, Scrum. Participated in daily Stand up meetings with Scrum Master.

**Environment: React, Redux, Axios, React Promises, JavaScript, HTML5, CSS, Angular 2, NodeJS, WCAG, XSS, NPM, ES6, Typescript, Ajax, Bootstrap, AngularJS, , Java, MongoDB, Web services, Rest, JSON, XML, Sublime Text, nginx, GitHub, Mercurial, Selenium**

**Client: Big Lots, Columbus, OH** **July 2015 – July 2016**

**Role**: **Front end Developer**

**Roles & Responsibilities:**

* Involved in developing the UI, layout and front-end programming (HTML) from design sketches.
* Developed single page applications using Angular 7.0, HTML5, CSS3, Angular Material.
* Worked in Agile environment in scheduled sprint process environments.
* Worked on application related implementation flow of the project using sketch and prototype.
* Built Web pages those are more user-interactive using JSON, Angular, JavaScript.
* Used various CRUD RESTful Services and pipes using Angular.
* Utilized LESS pre-processors of CSS to extend CSS with variables, operators, interpolations, functions and many more other usable assets.
* Responsible for porting an existing web application into mobile view
* Used React flux to polish the data and for single directional flow.
* Created JS components using JSX and used React JSON schema for implementing and building HTML forms out of a JSON schema and using Bootstrap semantics by default.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Developed various screens for the front end using ReactJS and used various predefined components from NPM and Redux library.
* Used React JS to create custom components for data manipulations and to display data in company standard format.
* Experienced with Bootstrap responsive design.
* Used React flux to polish the data and for single directional flow.
* Using VS Code, Linter, JavaScript beautify and some packages to keep our code much cleaner.
* Developed and supported SEO/SEM strategies using Google Analytics.
* Making HTTPS calls to communicate with the servers and to get the data in the JSON format. Deal well with Server-side Integration and fetching of data from Web Services.
* Used SVN, GIT for source code version control.

**Environment**: HTML5, CSS3, JavaScript, jQuery, Node.js, JSON, AJAX, SCSS, GIT, Webservices, RESTful API, Selenium, Cucumber, ES6

**Client: Value Labs April 2012– December 2014**

**Role: Application Developer.**

Roles &amp; Responsibilities:

* Experience in designing and developing new user-facing features using JavaScript frameworks.
* Experience in understanding of React.js and its core principles
* Experience in JavaScript, including DOM manipulation and the JavaScript object model.
* Experience with Angular.js or Bootstrap.js desired.
* Experience with data structure libraries (e.g., Immutable.js)
* Experience in translating designs and wireframes into high quality code.
* Familiarity with RESTful APIs
* Experience in OKTA for using authentication and authorization.
* Worked on modern authorization mechanisms, such as JSON Web Token
* Experience as an Agile team member
* Developed web-based UIs in JavaScript, jQuery, Front end development, including HTML5, CSS,LESS/SAS
* Experience in UI integration with REST services
* Experience in an Agile/Scrum development process
* Experience in Angular JS with emphasis on UI development in conjunction with Java/J2EE technologies.

Environment: jQuery, Angular JS, HTML, CSS, JSON, MS Office, Bootstrap**.**