**Sudheer Duppati**

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**PROFESSIONAL SUMMARY:**

* Having **9+ years** of experience in designing User Interface (UI) applications and professional web applications using HTML/HTML5, CSS/CSS3, JavaScript, Bootstrap, **Angular JS, Angular, EXTJS, React, ECMA Script 5/6, DOM, jQuery**, Ajax, XML, JSON, and **Node.js** server.
* Extensive Knowledge in developing Single Page Responsive Web Applications using JavaScript frameworks like Angular, Backbone.js and Bootstrap.
* Extensive knowledge in object-oriented programming in JavaScript.
* Extensive experience on modern front-end template frameworks for JavaScript - Including Bootstrap, JQuery, **Angular 2/4/6/8/9/10, React JS**.
* Good knowledge on Angular components like service resources, routing, Dependency injection, 2-way data binding, filters and events
* Good Understanding of **Document Object Model (DOM) and DOM Functions**.
* Hands-on experience with CSS LESS/SASS Pre-Processor.
* Extensive experience in designing web applications **using HTML, HTML 5, XML, XHTML, JavaScript, Type Script, Angular, Angular JS, CSS, CSS3, DOM and jQuery**.
* Expert knowledge in designing SPA using Angular.
* Expertise in MV\* (MVC, MVVM, MVW) frameworks like AngularJS along with Bootstrap
* Experience in third party libraries like **NgPrime**, Angular Material Design.
* Knowledge in Webpack, Gulp and **Npm** Scripts.
* Experience in UI Architecture design using Angular components. Thorough understanding of core concepts like **Ng Modules, Services, Dependency Injection**, and decorators.
* Designed and implemented scalable cloud solutions using Azure services, enhancing application performance and reliability.
* Managed resource provisioning and deployment through **Azure DevOps**, streamlining CI/CD pipelines.
* Good understanding of **Design Patters, Data Structures and Algorithms**.
* Expertise knowledge in OOPS implementation, code consistency and code review.
* Unit testing of Angular components, services using **karma-test- runner and Jasmine**.
* Experience in Responsive web design development.
* Extensively used Angularfeatures, Directives, Filters, 2-way Data Binding, Services, **Templates, Routing, MVC** and Dependency Injection to build Single-Page-Applications in a clean and maintainable way.
* Experienced in creating React.js web applications with JSX, React nesting components, databinding, forms, routers, and **Virtual DOM** manipulations with Redux architecture.
* Developed React.js pages, web services and AJAX calls for the applications used in development of the web application to bind the data/model.
* Experience in using React.JS and Client-Side Charting technologies such as D3.js, Chart.js.
* Strong skills in Relational Databases like **Oracle, MySQL, and MongoDB**.
* Extensive experience in SQL, PL/SQL programming, stored procedures, triggers and Query optimization with Oracle, MS-SQL, and MySQL databases. Written queries for insert update and modification operations. Performed database normalization and optimization using database tools.
* Designed and implemented integration between **Canvas LMS** and custom applications using **Canvas REST API.**
* Implemented **Canvas API** integration to fetch and update course, user, and assignment data.
* Experience in **Unit/E2E/Integration Testing frameworks and libraries like Jasmine, and Karma for Angular and Node JS**.
* Experience in Using Jest, **Mocha, Chai, Jasmine, Karma for testing**.
* Experience with NPMGrunt, Gulp and Bower modules of NodeJS.
* Used **JIRA** for bug tracking and issue tracking.
* Worked on Version control systems **like GIT, CVS, SVN and Bit bucket**.
* Experience working in a fast-paced environment using Agile/Scrum, Test driven development and Waterfall methodologies.
* Worked on various **IDE's Eclipse, Visual studio, Notepad++, IntelliJ, Sublime Text 3**, ATOM, Net Beans, Web Storm and Brackets.
* Hands on experience working on different browsers like Safari, Internet Explorer, Mozilla Firefox, and Google Chrome and checking cross browser compatibility.
* Valuable team player with excellent communication skills, trouble shooting skills with ability to learn and adapt to new technologies quickly.

**TECHNICAL SKILLS:**

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| --- | --- |
| UI Web Technologies | HTML/HTML5, XHTML, XML, CSS/CSS3, JavaScript, AngularJS, Angular X, ReactJS, NodeJS, AJAX, jQuery, JSON, DOM, ECMAScript 6, Typescript and java. |
| Version Control Tools | GIT, SVN, Bit Bucket |
| Databases | Oracle 10g, MySQL, MongoDB |
| Operating Systems | Windows XP/Vista/7/8, MAC OS X, Ubuntu, LINUX, UNIX |
| Web/App Server | Apache Tomcat, WebLogic |
| Testing & Debugging Tools | JIRA, Firebug, Google Chrome Web Debugger, IE developer Tools, jest, Jasmine, Karma, Mocha, Chai, Jenkins. |
| Workflow Tool kit | Grunt, Gulp. |
| IDE’s | Notepad++, Eclipse IDE, Sublime Text Editor, Atom, Visual Studio, web storm |

**PROFESSIONAL EXPERIENCE:**

**Role: SR UI DEVELOPER June 2022 - present**

**Client: COX Automotive**

**Location: Atlanta, GA**

**Responsibilities:**

* Proficient in **front-end development** using HTML/HTML5, CSS/CSS3, SASS, LESS, JavaScript, React JS, Redux, ES6, JSON, Node.js, Ajax, Bootstrap, and AWS.
* Actively involved in UX/UI enhancements, resolving front-end issues, and **maintaining, testing, debugging,** and deploying web applications.
* Extensive hands-on experience with AWS services like EC2, API Gateway, **Lambda**, **DynamoDB**, Token generation, optimizing application performance and scalability.
* Successfully developed microservices using **Spring-Boot** and facilitated the migration of legacy microsites by creating **user-friendly interfaces** and contributing to end-to-end migration meetings.
* Expertise in front-end development and seamless integration with **back-end** systems, actively collaborating with backend teams to assist in their tasks.
* Leveraged GitHub Actions for building, **deploying modifications**, and handling PRs, ensuring efficient version control and deployment processes.
* Created reusable components using **React.js, SASS, and LESS, CSS pre-processors, focusing on coding efficiency and readability.**
* Proficiency in Agile methodologies, contributing to the development team's improvements, integrations, and further enhancements in website functionalities.
* Provided valuable suggestions to the **UX Design** team using tools like Photoshop, style guides, and Figma, resolving front-end issues and ensuring layout consistency.
* Utilized backend testing frameworks like **Mocha, Chai,** Jest to ensure robust backend functionality and effective error handling in Node.js applications.
* Proficient in **data transformation** and manipulation using D3.js and React
* And used **d3-graph libraries to visualize the data** by using react components.
* Actively involved in team collaboration, handling updates to websites, and ensuring adherence to **SLAs** while managing multiple tasks simultaneously.
* Implemented robust user authentication and authorization mechanisms using **JWT (JSON Web Tokens), OAuth, or other authentication libraries in Node.js backend**.
* Demonstrated commitment to learning ES6 concepts, working closely with the development team to drive improvements, integrations, and enhancements in website features.
* Demonstrated strong proficiency in executing mock testing procedures.
* Successfully integrated **Geo-Server** with React applications to enable visualization and interaction with geospatial data.
* Developed React components that seamlessly interacted with **GeoServer's** RESTful APIs, allowing for the dynamic rendering of maps and spatial data within the application.
* Employed **JWT and OAuth within Node.js** to safeguard backend APIs utilized in React applications.
* Proficient in crafting unit test cases using **Jest test runners** for testing frameworks.
* Extensive experience using tools like **RALLY, Mural, Fuel, ALKS, and Taxi** for efficient bug tracking.
* Actively engaged in front-end development, collaborating with backend teams on various operations.
* Skilled in integrating applications through **RESTful and SOAP** web services.
* Engaged in the **agile software lifecycle** methodologies throughout project involvements.
* Engaged in implementing **new lambda services** using **Terraform, utilizing SASS** and LESS CSS preprocessors for legacy application conversions, and developing reusable components with React.js.

**Environment:** HTML5, CSS3, JavaScript, React, Bootstrap, JSON, Font awesome, AWS, Git, VS code, RESTful Services, Agile methodology, NPM, NodeJS, Rally, GitHub Actions, Jest, Axios, ES6, Launch darkly, SQL, Figma, Lambda, EC2, API Gateway, Rally, Mural, Splunk.

**Role: React Js Developer**

**Client: vanguard Aug 2020 – May 2022**

**Location: Pennsylvania**

**Responsibilities**

* Working on the Sales users application for Amex Network. **React JS Virtual Dom** and React views rendering using components which contains additional components called custom **HTML** tags.
* Created and Used Reducers That received said actions to modify the Store State.
* Maintaining the State in the store and dispatch an action using require.js and Redux.
* Developed the Re-Usable React Components. Like **Text Fields, Buttons** etc.
* Created React Components, using Redux for unidirectional Data flow.
* Working with **ES6 Features**. For the build of **JSX, and Webpack**.
* I worked on Responsive web design and developed Responsive Webpages That could be Served to **Desktop, Tablets as well as mobile users**.
* Understood the concept of **Adobe Mobile Analytics Services** to add Analytics method in ionic code.
* Responsible for creating custom plugins to create interface between ionic and native functionality for android.
* Experienced in **Gitlab CI and Jenkins for CI** and for End-to-End automation for all build **and CD**.
* Used Middleware, **Redux-saga**, Redux-promise in application to retrieve the data from the external API’s and perform the RESTful Services.
* Used the **Npm and Yarn** package managers.
* Development of various reports and reporting interfaces utilizing Microsoft SQL Reporting Services.
* Handle and Resolve the **Cross-Browser** compatibility issues In Mozella, IE 9, 10, 11, safari, Firefox, and Chrome
* Used Rally for bug tracking and issue tracking.
* Git or Source Tree is used as version control for pushing the code to the repo.

**Environment**: HTML5, CSS3, MySQL, Rx js, Jenkins, Docker, CI/CD, JavaScript, React JS, Redux, Redux-Saga, JEST, JSON, Bootstrap, SASS, Npm, VS Code, Git, Bit Bucket, Webpack, ES6, Agile Methodology.

**Role: Front End Developer Dec 2019 – July 2020**

**Client: Generac Power Systems**

**Location: Waukesha, WI**

**Responsibilities:**

* Involved in designing the user experience **interface UI/UX strategy**, UI requirements, converting findings into **UI designs**.
* Worked extensively on **JQuery, Angular, Bootstrap, HTML5, CSS3, JSON**, Media queries for various breakpoints in the adaptive web-designing environment.
* Development of UI screens using HTML, JQuery and Cascaded Style Sheet (­CSS).
* Used **Angular 9/10 and Node JS** to structure JavaScript code in an MVC (Model, View, and Controller).
* Involved in writing application-level code to interact with APIs, RESTful Web Services using **XML, JSON**.
* Worked with Angular to develop single page applications, worked with **NgRx** for managing Angular applications.
* Created **Typescript** reusable components and services to consume REST API's using Component-based architecture provided by Angular.
* Implemented HTTP requests using **RxJS Observable library** to handle multiple values over time.
* Experience in working with the advanced JavaScript such as ECMAScript 6 (ES6).
* Extensively used **SCSS and SASS** (Syntactically awesome style sheets) while styling with CSS3.
* Exposure to new features and issues addressed in Angular 9/10.
* Worked across a diverse group of people within the team and across multiple business units and multiple groups within each Business Unit.
* Enhanced the application by building new components in Angular 9/10 and Typescript with a REST API.
* Develops the **Responsive design** to make the application compatible with Mobile/Tablets/PCs/MAC by defining media queries.
* Develops Responsive Web Pages using Media Queries and **Bootstrap**, Material Design for styling mobile applications.
* Knowledge on **.Net Core** to implement APIs, Repository and Entity Framework.
* Used Microsoft **AZURE** extensively to save code changes, perform gated check-ins and to keep track of the assigned user stories and performed Code Reviews.
* Involved in close **UI/Server** Integration using rest calls for grid related get/save call.
* Extensively involved design discussions and user experience sessions to provide input on the layout.

**Environment:** HTML5, CSS3, JQuery, Angular 9/10, Node.js, Typescript, web-storm, Bootstrap, JQuery, JSON, RESTful Web Services, Web Pack, .NET Core 2, Knockout JS, Visual Studio Code Editor, Mongo DB, JavaScript, TFS, Chrome Dev tools.

**Role: Front End Developer Feb 2016 – July 2019**

**Client: DXC Technology**

**Location: India**

**Responsibilities:**

* Worked extensively on **JQuery**, Angular JS, **Knockout JS**, Bootstrap, HTML5, CSS3, JSON, Media queries for various breakpoints in the adaptive web-designing environment.
* Development of UI screens using HTML, JQuery and Cascaded Style Sheet (­CSS).
* Worked with **migrating-swat team to migrate code from Knockout JS to AngularJS** 1.x to Angular **4 create dynamic web pages** for single page web applications.
* Migrating some of the web pages from **Angular 4 to Angular 8** and componentizing the code as per the Angular recommendations for better performance.
* Used Angular 6/7/8 and Node JS to structure **JavaScript** code in an MVC (Model, View, and Controller).
* Ability to rapidly **prototype interface designs** in hand-coded validating, standards-compliant, and semantically rich code and be aware of cross-browser compatibility and bugs.
* Involved in writing application-level code to interact with APIs, RESTful Web Services using XML, JSON.
* Created Knockout components for **UI level integration** and to consume REST API's using Component based architecture.
* Worked one-on-one with client to develop layout, **color scheme** and layout for the website and implemented it into a final interface design with the HTML5/Bootstrap & Typescript.
* Worked on **Angular 8** by consuming RESTful web services & Used Angular forms like **Template Driven forms and Modern Driven** (Reactive) forms to perform form validations both on server and client side.
* Developed user interface using **Custom Tag Libraries**, JQuery, Node JS, Angular JS, Knockout JS and HTML to manage the performance of the application.
* Prototyped, and in some cases fully developed software components for reuse across IT delivery teams.
* Extensively used **SASS** (Syntactically awesome style sheets) while styling with CSS3.
* Exposure to new features and issues addressed in **Angular 8**.
* Worked across a diverse group of people within the team and across multiple business units and multiple groups within each Business Unit.
* Enhanced the application by building new components in **Angular 8** and **Typescript** with a REST API.
* Develops the Responsive design to make the application compatible with Mobile/Tablets/PCs/MAC by defining media queries.
* Knowledge on .Net Core to implement APIs, Repository and Entity Framework.
* Used **Microsoft TFS extensively** to save code changes, perform gated check-ins and to keep track of the assigned user stories and performed Code Reviews.
* Assisted on build system using web **pack 4 and NPM**.
* Involved in close **UI/Server Integration** using rest calls for grid related get/save call.
* Created Use Cases, UML Class and Activity Diagrams, wrote User Stories and prototyped the application using **Sketch**.
* Developed SQL queries to perform insert, update or delete operation on **MySQL** database.
* Extensively involved design discussions and user experience sessions to provide input on the layout.

**Environment:** HTML5, CSS3, JQuery, Angular JS 1.x, Angular 4/6/7/8, Node.js, Typescript, web-storm, Bootstrap, JQuery, JSON, RESTful Web Services, Web Pack, .NET Core 2, Knockout JS, Visual Studio Code Editor, Mongo DB, JavaScript, TFS, Chrome Dev tools.

**Role: UI Web Developer/Angular Developer Feb 2014 – Jan 2016**

**Client: Qik well, Bangalore**

**Location: India**

**Responsibilities:**

* Created a Single Page Applications using Angular.
* Using Angular created Drag, Drop & **Re-ordering** the data in the tree.
* Implementing Angular Router to enable navigation from one view to the next as customer performs application tasks
* Involved in developing **HTML** and **JavaScript** for client-side presentation and data validation on the client side within the forms.
* Created/Modified **Angular 2** components, by using Typescript we create bigger projects and convert to **JS files** to modify or create new JS files.
* Worked with **NgRx**/store for managing Angular applications.
* Designed Dynamic client-side Java-script codes to build web forms and simulate process for a web application, page navigation using **Angular** 2/4.
* Used **Jenkins** for continuous integration of builds and GIT for Source Control.
* Instructing and mentoring teams of developers in uses of Angular 2/4 technologies to include, **Node.js, Grunt, LESS** and additional technologies to ensure current migration from Angular JS 1.5 to Angular 4.0.
* Worked on managing the user menu and **Bulk update** of Attributes using NodeJS Gulp (Task Runner) and JQuery.
* Used Angular multiple in-built directives such as **filters**, **root scope**, scope, **modal**, template, state etc.
* Used $http with **Angular interceptors** to make sure the requests were valid and used UI-router to handle nested views and avoid page redirection.
* Created Typescript reusable components and services to **consume REST API** and using modular based architecture provided by Angular.
* Used **Angular to standardize web application** structure and responsive using Bootstrap and provide a future template for data binding.
* Implemented **error** **handling** on various RESTful services to return the right HTTP status codes and wrote
* Automation Tests in Java to validate the **end-to-end** business functionality for RESTful services.
* Worked on managing the user **menu** and **Bulk** update of Attributes using NodeJS **Gulp** (Task Runner) and JQuery.
* Followed **Agile Methodology** for the project implementation with day-to-day updates through **scrum**.
* Created multiple grids by inline editing capabilities and included pagination.
* Create complex **JIRA** workflows including project workflows, screen schemes, permission scheme and notification schemes in **JIRA**
* Involved in enhancing the application for clients’ requirements based on the market demand and updating the **MVC** pattern, **Bootstrap**, **Angular** & Web API.
* Worked on the unit test cases to test the functionality of the code written not only through the component level but also through the DOM level using Karma test runner and Jasmine framework

**Environment:** Angular JS 2/4, Node JS, Typescript, Bootstrap, HTML, CSS, JavaScript, JQuery, AJAX, JSON, Jasmine, Karma, GIT, JIRA.