**Keerthana**

**Sr. UI Frontend/React Developer**

**Email: Sudarshan.Kaspa@catamerica.com**

**D: (848)-(300)-3492**

**Visa : H1B**

**Summary**:

* Around 8 years of experience in Design, Implementation, Development, Management, and Analysis of various stand alone, client-server enterprise applications.
* Expertise in Client Scripting language and server-side scripting languages like HTML5, CSS3, JavaScript withES6 and ES5, TypeScript, jQuery, Python, Django, React JS, React Native, Redux, Angular 8,12,14 Node.js and visually appealing User Interfaces with the help of HTML 5 and CSS3 and LESS and SASS, UX Design, Azure, Webpack,Photoshop, prototype, style guides, Adobe Experience Manager (AEM).
* Expertise in REST Web services for transmission of large blocks of XML/JSON.
* Experience in design Strategies, Information Architecture, Ul flows, Usability testing, Web, Mobile, Tablet application design,
* Wireframe & Mockup Design, Rapid Prototyping, Graphic Design and Corporate Branding.
* Expert with Figma, Sketch, Photoshop, Adobe XD, Illustrator, InDesign, In Vision Frameworks and web associated design tools.
* Proficient in developing Single Page Applications (SPA) using Angular8 framework includes Typescript.
* Experience in handling all phases of SDLC such as Requirement Analysis, Implementation and Maintenance in both waterfall and Agile projects.
* Experience in writing complex database queries, stored procedures, and triggers using SQL, PL/SQL. Strong Skills in Database Design, Process and Data Models.
* Experience in working with Java features like EclipseIDE, Springboot,My Ecplise6.5.
* Knowledge and experience in RDBMS like Oracle, My SQL, MS SQL Server, DB2 and MS Access.
* Experience in using Version control tools like CVS, Clear Case and VSS.
* Extensive experience with Agile and SCRUM within a fast paced and collaborative CI/CD environment.
* Experience in creating product prototypes using Figma and Atomic.
* SME in JavaScript frameworks like NodeJS, AngularJS, VueJS.
* Extensive experience in designing scalable and reliable web applications
* Proficient in using version control systems like Git.
* Hands of experience in working with frontend frameworks like Bootstrap, the concept of Grids, making using of advance components like Navs, Navbars, Pagination, Alerts, Progress bars etc.
* Strong Analytical and Communication Skills with ability to work as a part of a team and independently.
* Developed interactive websites on ReactJS framework based on client needs.
* Expertise in using IDE tools such as Notepad ++, Web Matrix, Eclipse, VS Code, Atom, Sublime Text Editor, IntelliJ

IDEA, and Web Storm.

* Experience in Spring Framework with AOP, IOC, Data JPA, Cloud and Boot.
* Developed UI specs for Unit and E2E testing using Karma, Jasmine, and Cucumber.
* Expertize in unit testing like Jest, Enzyme and capable to write tests using Jasmine, Karma, Mocha.
* Complete understanding and expertise on working with CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS.
* Experience in JavaScript build tools like Grunt/Gulp, Node.
* Appreciated for using best practices within all frameworks and projects and optimizing the code.

**Technical Skills**

|  |  |
| --- | --- |
| **Web Development Technologies** | HTML/HTML5, DHTML/XHTML, XML, XSLT, CSS3/CSS4, JSON, JavaScript, Python, Django, jQuery, AJAX, Java,UI Concept Modelling/Wire Framing, AdobeXD, Adobe Photoshop, Illustrator, Figma. |
| **Frameworks** | ReactJS, AngularJS, NextJS, Bootstrap, Nodejs, Npm, Web pack, TypeScript |
| **Testing/Debugging/Bug Tracking Tools** | Karma, Jasmine, Firebug, Google Chrome Web Debugger, IE developer Tools, JIRA |
| **Platforms/Databases** | Oracle, MS SQL Server, MySQL, PL/SQL (oracle), MongoDB |
| **SDLC Methodologies** | Waterfall, Agile/Scrum, Kanban |
| **Operating Systems, Saleforce Tools** | Mac iOS, Windows, Linux,Unix. |
| **Version Controls & Other tools** | Eclipse, Visual Studio Code, Atom, Postman, Swagger,Git, GitHub, Version, Docker, Jenkins, Canvas, Tableau |
| **Other Software Skills** | Java, J2EE, JSP, Spring, Hibernate, Web Services( SOAP, REST) , Junit, Maven |

**PROFESSIONAL EXPERIENCE**

**CBRE, Dallas, TX Oct 2022 – Present**

**Sr. UI Frontend /React Developer**

**Responsibilities:**

* Developed web pages and form validation with team using AngularJS, ReactJS, Bootstrap.JS, NodeJS, React native, Backbone.js, HTML5, CSS and Javascript.
* Worked on map visualization using unfolded.ai and tile server to handle data along with multiple data types.
* Added Search, Sorting and Pagination for a large dataset.
* Hands-on experience using Cloud formation, Service catalog, S3 and EMR.
* Developing new user-facing features using ReactJS and Redux.
* Hand on using React Hooks (State Hook, Effect Hook, Ref Hook and so on) to use state and lifecycle methods inside functional components.
* Designed web applications using Vue. js and vuex framework
* ﻿﻿Called React Axios to get Web APIs to transfer data from backend and update the states in the store of Redux.
* ﻿﻿Strong skills in applying Redux in React.js to store the status at the front-end.
* Proficient in responsive design and development of Isomorphic responsive websites using React JS, with expertise in using Next.js for server-side rendering to optimize performance and SEO.
* Implemented comprehensive error handling strategies and logging mechanisms in Next.js applications for streamlined debugging and robustness.
* ﻿﻿Developed middleware like Redux-thunk which can return functions to solve async problems like data updating and fetch from theback end server.
* ﻿﻿Implemented mapState ToProps, mapDispatchToProps, useSelector and useDispatch to interact between Redux and React.js.
* ﻿﻿Skilled in front-end development for single page application (SPA) with HTML5, CSS3, JavaScript, React.js, jQuery, and AJAX.
* ﻿﻿Hands on using React-Router to manage the different React components path location.
* ﻿﻿Hand on experience using React UI libraries such as Material UI, Ant Design and Bootstrap, developing web more efficiently with high-quality and responsive components.
* ﻿﻿Worked on Less js developing more customized components when using React UI libraries, satisfying every need.
* Applied redux middleware using redux- promise, redux-thunk and redux-saga.
* Perform audits on multiple webs and native apps following with WCAG 2.0 & 2.1 standards.
* Worked on Universal notebook, added tags and packages to Propagate user profile tags in EMR cluster.
* Build and Deploy to EMR cluster to Cloud formation and test EMR.
* Used Webpack to bundle Typescript and JavaScript modules. Changed from SCSS to Styled component to build reusable component.
* Developed mockups and personas Mobile and web applications using the AdobeXD, Figma, Atomic.
* Created visually appealing and user-friendly interfaces for web and mobile applications using Adobe Dreamweaver.
* Designed wireframes, mockups, and prototypes in Dreamweaver to communicate design concepts and interactions effectively.
* Working on large amount of business logic embedded in stored procedures and Ul client scripts.
* Wrote Python scripts to parse XML documents and load the data in database.
* Used Python and Django to interface with the Query Ul and manage the storage and deletion of content.
* Implemented CORS using Nodejs and developed REST services using Node and Express.
* Used Sage maker components and Polaris components for User interfaces.
* Used JavaScript task runners such as Grunt, Gulp, Bower in the projects and server-side CSS pre-processing platforms, such as LESS and SASS..
* Proficient in developing reusable UI components in Groovy for efficient frontend development.
* Skilled in identifying and resolving issues in Groovy frontend applications through effective debugging and troubleshooting.Used flickity.js for creating carousel-images.
* Developing responsive components websites on AEM is one of the key responsibility.
* Worked on AEM interface Customization for both Classic Ul and Coral Ul (Granite Ul).
* Worked on Elastic Path API validations to Continuous integration/Continuous Delivery(CI/CD pipeline) as a Developer/DevOps by working on end-to-end defect fixing to deploying into production on daily basis using AWS.
* Developed OpenLayers to put dynamic map in the web page application. Also for display map tiles, vector data and markers loaded from any source.
* Responsible in supporting the application which is in the Production and troubleshooting the JS application in the AWS, AWS CDK.
* Experienced in deploying the SPA React JS in AWS S3 Bucket and Route 53 and through CLI configuration.
* Integrated Azure services for cloud computing, enhancing the application’s performance and scalability.
* Utilized Azure services such as Azure App Service, Azure Functions for seamless deployment and data management.
* Cloud development and automation using Node.js, Python (Boto3), AWS Lambda, AWS CDK (Cloud Development Kit) and AWS SAM (Serverless Application Model).
* Fostered a collaborative environment with QA teams to define Shift Left testing strategies and criteria before the development phase, aligning UI features with expected quality standards.
* Used Microservices, GraphQL API’s in web applications.
* Collaborated with cross-functional teams to design and implement Microservices to improve overall system architecture.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture.
* Developed highly modular and advanced object-oriented code using State management technologies like RxJS in Typescript to ensure re-usability, extensibility, and ease of maintenance.
* Tested raw data and executed performance scripts.
* Shared responsibility for administration of Hadoop, Hive and Pig.
* Implemented Data Loader to load data from Marketing Cloud to Service Cloud.
* Design mass-scale ETL application with AWS Glue, S3 and DynamoDB with AWS CDK.
* Built and deployed all required service using AWS CDK for source control.
* Used Jest and Enzyme for mocking functions and writing unit tests.
* Profficient in developing Web Services (SOAP,RESTful) in Python using XML, JSON
* Perform unit testing and end to end Testing using cypress.
* Confluence applications, Linux servers and PostgreSQL database servers.
* Development experience in Windows, Linux, Mac OS, Docker containers and UNIX operating systems.
* Participated in meetings with the end-clients to develop layout, color scheme for the web page and implemented them with the help of HTML5, CSS3 and JavaScript.
* Used React-Router to turn an application into Single Page Application (SPA).
* Handling cross browser/platform compatibility issues (IE, Firefox, Chrome and Safari) on both Windows OS and MacOS.
* Analyze the response of JSON to update DOM.

**Environment: HTML/HTML5, CSS/CSS3, SASS/SCSS, Python, Reactjs, React Native, JavaScript, jQuery,Backbone.JS,**

**Bootstrap,** CORS,**AdobeXD, Figma, Atomic, AEM,ES6, Grunt, Gulp, Bower, ReactJS, Groovy, Usability Testing, Agile methodology, Azure, Microservices, AWS, Jest , Enzyme, MVC, Cypress, Angular.**

**Pfizer/ TCS, Peapack, NJ (Contract) Mar 2022 –Sep 2022**

**Sr. UI Frontend /React Developer**

**Responsibilities:**

* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery, Nextjs, ReactNative, NodeJS, Angular 12 and React.JS that meets accessibility and web browser standards for website.
* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Make sure the web apps/sites responsive to all digital device meet in accessibility following WCAG 2.0 Guideline and ADA technical standards.
* Used Java features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
* Applied optimization techniques to reduce page size and load times to enhance user experience.
* Developed user interface by using the React JS, Flux for SPA development.
* Responsible to make sure that look and feel of UI designs works same in different versions of different browsers (IE 7/8, Firefox, Safari).
* Expertise in React.JS framework to develop the Single Page Application.
* Worked on React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Completed UI/UX design with Photoshop, Adobe Illustrator and Sketch for web-end and mobile end
* Completed user testing and usability analysis with wire-framing and prototyping tools such as Invision.
* Worked on responsive design and developed responsive websites that could be served to desktop, tablets and mobile users using ReactJS, NextJS.
* Maintained states in the stores and dispatched the actions using Redux, Redux-thunk, Redux saga.
* Implemented the Drag and Drop functionality using React-Draggable.
* Enhanced legacy application by building new components in Angular and Typescript.
* Wrote scripts in Python for extracting data from HTML file.
* Utilize PyUnit, the Python Unit test framework, for all Python applications.
* Worked with JSON web tokens for authentication and authorization security configurations using Node.js.
* Worked with NPM commands and using package. Json for managing dependencies and dev dependencies of Node JS applications.
* Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
* Called the Restful web services calls for POST, PUT, DELETE and GET methods.
* Created the application using ReactJS and NodeJs libraries NPM, gulp directories to generate desired view and flux tto root the URL’s properly.
* Acted as a bridge between UI design and DevOps teams, ensuring UI enhancements are efficiently deployed through automation pipelines.
* Managed the AEM application and performing administrative tasks.
* Used React flux to polish the data and for single directional flow.
* Developed the application logos and images by using Canvas tool.
* Developed dynamic interfaces with visual design using Figma, Atomic.
* Built dashboards using techniques for guided analytics, interactive dashboard desing and visual best practices using Tableau.
* Used React JS to implement rich functions in various pages: form validations, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, unit tests, etc..
* Created responsive graphs using D3.JS and CSS.
* Developed and executed marketing campaigns using Marketing Cloud's Email Studio.
* Experienced in working Microsoft Azure web app and CI/CD integration.
* Built Jenkins jobs to create AWS infrastructure from
* GitHub repos containing Terraform code and administered/engineered Jenkins for managing weekly builds.
* Experience in Azure for system Deploying, Operating and Maintaining compute, network and storage in the Microsoft Azure environment using Microsoft Technologies.
* Good understanding of enhancing Microservices performance by using task manages and serverless framework.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Implemented business logic using Python/Django.
* Involved in Scrum and Agile meetings to discuss the status of the project.
* Interacted exclusively with Testing Team, Scrum Masters and Business Analysts for fixing of Issues.

**Environment**: HTML 5, CSS3, Sass, Less, JavaScript, Bootstrap, Java, Springboot Ajax, Python, ReactJS, React Native, NextJS, NodeJS, Redux, Flux, jQuery, JSON, Tableau, Figma, Atomic, Azure, Microservices, AWS,Git hub, Restful API, Angular12, Typescript, Jest, Enzyme, Jasmine, Jenkins, JIRA, XML, Canvas Tool.

**US Bank / Wipro Minneapolis, USA Nov 2021 –Feb 2022**

**UI/UX React Developer**

**Responsibilities:**

* Developed page layouts, navigation and presented designs and concepts to the clients and the management to review.
* Web design and development, application development using HTML, JavaScript, ReactJS, NodeJS, NextJS.
* Followed Web Accessibility Guidelines while coding the website following with WCAG 2.0.
* Designed dynamic and multi-browser compatible pages using HTML, CSS, jQuery and JavaScript.
* Responsible for ensuring the pattern consistency across all pages.
* Applied J-Query scripts for basic animation and end user screen customization purposes.
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Used jQuery plug-ins for Drag and Drop, Widgets, Menus, User Interface, and Forms.
* Developed web presentation layer using HTML and CSS according to internal standards and guidelines.
* Development the whole application module using technologies such as JavaScript, jQuery and more.
* Wrote a combination of jQuery plug-ins, as well as completely custom JavaScript to build a bleeding-edge, AJAX-driven user interface.
* Provided UX services including interpreting requirements, creating concept designs, create user flows, create wireframes, prototypes, and visual specs, related UX standards.
* Worked closely with DevOps to integrate security practices into the UI development process, including adherence to OWASP top 10 web application security risks.
* Championed the integration of Shift Left testing practices within Agile development cycles, ensuring testing is a core component of sprint planning and execution.
* Involved in writing application-level code to interact with APIs, Web Services using, AJAX, JSON and XML.
* Designed and developed intranet web applications using ReactJS, Nodejs, JavaScript and CSS.
* Responsible for the design of web applications right from the conceptualization stage to its implementation and maintenance.
* Responsible for checking cross browser compatibility and worked on different browsers like Safari, Internet explorer, Firefox, and Google chrome.
* Designed the table less web applications using CSS as per W3C standards.
* Written comprehensive JS unit testing using enzyme, mocha test runner.
* Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Responsible for design and development of the web pages from mock- ups.
* Created web pages which are informative and yet very neat and interesting to look at.
* Designed flash plugins for including different functionalities and content.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript and jQuery.

**Environment:** HTML/ CSS/CSS3, ReactJS, NextJS, Nodejs, Redux, JavaScript, jQuery, AJAX, JSON, Enzyme, Mocha, Jenkins, JIRA, GIT hub.

**Philips Pittsburgh, PA Jan 2020 – Sep 2021**

**UI/UX Developer**

**Responsibilities:**

* Worked closely with stakeholders, developers, and other IT teams to understand the scope of the project and accordingly gather functional requirements of the project in order to design and implement the application.
* Designed and developed the UI/UX layout and front-end programming for web applications that matches the wireframes using the latest HTML5, CSS3, Nodejs and React JS following with WCAG 2.0.
* Experience in React JS and working with React Flux architecture.
* Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, AutoComplete, JSO, and JavaScript.
* Perform unit testing/validation Testing using Jasmine and Karma.
* Participated in meetings with the end-clients to develop layout, color scheme for the web page and implemented them with the help of HTML5, CSS3 and JavaScript.
* Used React-Router to turn an application into Single Page Application (SPA).
* Extensively used CSS (Cascading Style Sheets) along with RWD to apply different styles to the layouts for varying screen sizes and pixels.
* Handling cross browser/platform compatibility issues (IE, Firefox, Chrome, and Safari) on both Windows OS and MacOS.
* Created Responsive Web Design templates using Wordpress, wireframing and prototype.
* Build UX Design, Axure, Photoshop, prototype, style guides, Figma, atomic.
* Developed Tableau reports by connecting to SQL Server.
* Analyze the response of JSON to update DOM.
* Created dashboards, layout screens and interactive design using Tableau.
* Developed various screens for the front end using ReactJs and used various predefined components from NPM and Redux Library
* Knowledge of Next.js data fetching methods like getServerSideProps and getStaticProps.
* In-depth understanding of Next.js routing system. Implementing complex navigation structures and handling dynamic routes
* Design and develop the Query portal using React JS along with HTML5, CSS3 and Type Script; Develop various components and services in Angular; Create, edit, and maintain applications implementing responsive design & themes using front-end development frameworks including Bootstrap.
* Perform form Validations using reactive forms from Angular 8+/Material framework.
* Create Angular8 Directives, Components, Pipes, Injectable across the whole system, such as to build the custom filter.
* Highly used Angular8 Router to build single page application for navigate through the different status and multiple models
* Developed an advanced Messaging app where Users can create channels and start private messaging.
* Authenticate Users via email and passwords or social accounts, allow users to upload images and users’ online office status in Realtime.
* Worked alongside Product Management to understand requirements.
* Utilized Vue Js, Vuex, Vue Router and Firebase Hosting.
* Familiarity with the Vue.js ecosystem, including Vue CLI, Vuex, Vue Router, and Nuxt.js
* Actively participates in daily scrum meetings and responsible for the reporting weekly work status of all team members to the manager.
* Worked with react-query, react-table, react-hook-form.
* Coordinate with the team to develop the application and to implement our techniques and logics to get improved output that could make our application more responsive and user friendly.
* Create mock services and data to accelerate front-end development while awaiting Restful APIs to be developed.
* Experience in using Git/Git-Flow for pulling and committing the developed content from/to the Git repository.

**Environment**: HTML/HTML5, CSS/CSS3, SASS/SCSS, JavaScript, jQuery, Bootstrap, ES6, ReactJS, VueJS, Nodejs, Angular8+, Tableau, Tableau Desktop, Usability Testing, Agile methodology, Karma, Jasmine, MVC

**Ecomous, India Jan 2019 – Dec 2019**

**Frontend Developer**

**Responsibilities:**

* Involved in developing Ul pages using HTML, CSS, JavaScript, AJAX, AngularJS, JSON, JQuery and Node JS.
* ﻿﻿Leveraged two-way data binding through scope in applications built on AngularS.
* ﻿﻿Used Angular JS multiple in-built directives and APls in AngularJS & Node js such as filters, root scope, child scope, modal, template, state etc.
* ﻿﻿Developed POC in D3.js and implemented in connected data portal to display charts and maps.
* ﻿﻿Developed custom directives in Angular JS for the application independent components like sticky header for window or table, custom dropdowns, tables, checkboxes, radio buttons, notifications, chevrons, graphs, date pickers, pagination etc.
* **Coordination of project activities and ensure that all project phases are followed and properly documented.**
* **Utilized new software methodologies to be able to adapt to changes in requirements quickly.**
* **Involved in client-side tooling, testing & development with HTML, Modular JavaScript etc.**
* **Created Master Pages, CSS Styles Sheets and Integrated and got approval from Business Stake holders.**
* **Created and maintained the framework and layout of each portal with Cascading Style Sheets (CSS).**
* **Involved in write application level code to interact with APIs, Web Services using AJAX, JSON and XML.**
* **Experienced with implementing different features of Bootstrap.**
* **Developed Single Page Application (SPA) using Angular JS Framework.**
* **Web application development for backend system using Angular JS and Node.js with Cutting edge HTML5 and CSS3 techniques.**
* Manage Tableau Metadata tables and Postgres SQL
* **Developed Web Application to replace the existing and legacy Website using Angular JS Framework.**
* **Implemented Model View Controller (MVC) Design Pattern using Angular JS.**
* **Used Node.js as the package manager for development workflow dependent plugins.**
* **Used Angular JS controllers to update entity models and Tasks database.**
* **Involved in parsing JSON API to JDOs and use them in frontend.**
* **Involved in Enhancement of existing application utilizing JSP, Created HTML navigation menu that is role-based menu items changes dynamically, derived from the database in the form of XML.**
* **Successfully implemented Auto Complete/Auto Suggest functionality using AJAX, jQuery, DHTML, Web Service call and JSON.**
* **Developed dynamic e-mails using JavaScript, and hand coding of HTML, XHTML, and CSS.**

**Environment: HTML5, CSS3, AJAX, JavaScript, jQuery, Tableau, Tableau Desktop, SQL, AngularJS, SVN, Jasmine, Karma.**

**Axis Bank , India** **Oct 2015 - Dec 2018**

**Web UI Developer**

**Responsibilities:**

* Developed user interfaces/code to support cross-device, cross-browser compliant user actions. Created PSD file and converted into HTML/CSS.
* Focused primarily on front-end development using HTML, CSS, and JavaScript.
* Co-ordinated with the back-end developer in the process of building the RESTful API.
* Worked with program managers in gathering requirements, helped in developing JavaScript/CSS and Ajax based prototypes and provided technical guidance, on the technology infrastructure in an agile environment.
* Resolved Internet Explorer several CSS bugs within given tight schedule.
* Quickly prototyped new user interface concepts in object-oriented JavaScript and tested on IE/Firefox browser to validate UI approach.
* Build UX Design, Azure, Photoshop, prototype, style guides, Figma, atomic.
* Worked with Git Lab and GIT makes projects more organized while preventing data loss when changes are made to source code.
* Involved in integrating Ul with API and loading data using REST API.
* Developed sitemap, wireframes& interactive prototypes and redesigned the site's visual appearance - contributed a major role in delivering the site launch on schedule.
* Participate in daily scrum meetings to drive innovative development paradigm.
* Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Displayed tabular data using Angular JS by applying filters on table data.
* Used Jasmine framework with Karma to write tests cases and performed end to end testing using protractor.
* Used W3C Validator for testing and worked on unit testing with Karma and Jasmine.
* Provided production support and 24/7 on-call support on rotation basis.

**Environment:** HTML5, CSS3, JavaScript/ES6, Reactjs, jQuery, RESTful API, Ajax.