**Name : Vani Srinivasa**

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**Work Status: Citizen**

**SUMMARY:**

* Over 6+ years of strong experience as a Front-End Developer in developing User Interface (UI) web applications by using Mirco-Frontend, TypeScript, JavaScript, HTML/HTML5, CSS3, VS, React, Redux, JIRA, Bootstrap, GraphQL, MUI, ES5&6,Github, MongoDB, three.js, Jest, Rest, API’s, Enzymes, Bitbucket, Node.js.
* Extensively used React-Hooks from functional components for state and lifecycle features.
* Extensive experience on modern front-end template frameworks for JavaScript – Including Bootstrap and ReactJS.
* Experienced in creating the EC2 instances and deploying of SPA on the AWS S3 bucket in Amazon web services.
* Experience on high-availability, fault tolerance, and auto-scaling in AWS Cloud formation.
* Expert in creating Complex Crystal Reports Ad Hoc Reports, Frequency Reports, Summary Reports, Drill-down, Dynamic grouping, graphical, aging reports.
* Good Understanding of Document Object Model (DOM) and DOM Functions.
* Experience in designing the interface UI/UX strategy, UI requirements, converting findings into UI designs.
* Good Experience of using the various JavaScript concepts like Prototypes, Closures, and Object-oriented features, Promises.
* Expertise in client scripting language and server scripting languages like JavaScript, JSON, Bootstrap, and Node.js
* Expert in developing Web 2.0 Apps using core JavaScript.
* Good knowledge with server-side development using Node.js and PHP.
* Specialized in using JSON (JavaScript Object Notation) format to build collection of name/value pairs and ordered list of values.
* Strong analytical and problem-solving skills, self-starter, and good team player.
* Good knowledge in Core Java technologies Collections, Exception Handling, Multithreading.
* Strong understanding and experienced with all the phases of SDLC and agile development methodologies including SCRUM, involved in daily SCRUM meetings to keep track of the ongoing project status and issues.
* Worked on SCRATCH, CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
* Experience in working with third party web services APIs and Web Services using AJAX and JQUERY.
* Solid knowledge of relational database design and development such as MySQL, MongoDB and Oracle.
* Participated in SCRUM calls to discuss the status of the items being worked on.
* Proficient in Object Oriented Design/Development (OOD), Object Oriented Analysis and Design (OOAD), Model View Control (MVC) design pattern and Test-Driven Development (TDD).
* Participated in SPRINT planning and discussed user stories.
* Highly motivated, ability to work independently, organized and results oriented with excellent interpersonal, communication and presentation skills, ability to work in team environment.

**TECHNICAL SKILLS:**

* **Operating Systems:**Windows, Unix, Linux, Mac OSX
* **Web Technologies:**HTML/HTML5, CSS2/CSS3, WORDPRESS, PHOTOSHOP, XML, XHTML, XSLT, TypeScript, JavaScript, Micro-Frontend, AJAX, JSON, Apache, PHP, DOM
* **Programming Languages:**Java, Python
* **Frameworks and Libraries:**React, Tailwind, Next.js, Redux, Flux, Bootstrap, Webpack, Node.js, Express.js, .Net.
* **IDE, Editors:**Eclipse IDE, Notepad++, Net Beans IDE, Brackets, Microsoft Visual Studio, Photoshop.
* **Databases:**Firebase, MySQL, SQL Server, Oracle 9i/10g, MongoDB
* **Debugging Tools:**Chrome Developer Tools.
* **Tools:** VS code, IntelliJ IDEA, JIRA, Visio, Confluence, Adobe Photoshop, Postman, GitHub, Bitbucket.
* **Build Tools:**Maven, ANT
* **Loggers:**Log4j
* **Web Servers:**HTTP Web Server, Web Sphere 8.0(beta), Web logic and Tomcat 5.0/6.0/7.0
* **Desktop Tools:**Acrobat Writer, MS Word, MS Excel, MS PowerPoint, and MS Access
* **SDLC:**Waterfall, Agile.
* **Browsers:**Firefox, Chrome, IE, Opera, Safari

**WORK HISTORY**

**Client: RES, Alberta Jan’21 –Mar’24**

**Role: React/Front End Developer**

**Project: RES WNG**

Description:

WNG (Wellman Next Generation) is a Well Life-Cycle Project, Cost, Data application that provides the Well data management solutions to the Global clients.

**Responsibilities**

* Developed dynamic web pages using HTML5, CSS3, jQuery, ReactJS, ES6, NOSQL, Bootstrap, NodeJS, and GraphQL.
* Produced content pages with CSS layout and style markup presentation and used JavaScript methods and properties.
* Involved in review and analyse the code, building applications using ReactJS by developing re-usable UI components.
* Used Redux to store data from multiple API endpoints.
* Used AWS S3 for storing and retrieving static content, AWS Cloud Front for improving latency.
* Application has deployed on AWS Cloud Platform using Elastic Beanstalk.
* Experienced in deploying the SPA ReactJS in AWS S3 Bucket and Route 53 and through CLI configuration.
* Worked on ReactJS for developing UI using Sorting, Pagination, and rendering for search product page.
* Used ReactJS with Redux to create a single page web application with efficient data flow between the client and server.
* Involved in ReactJS for Data patterns which improves readability and made it easier to maintain larger apps and used ReactJS for declarative, efficient, and flexible JavaScript library for building user interfaces.
* Utilized a concept called Virtual DOM in ReactJS to create-in-memory data structure cache, enumerate the resulting differences, and then update the browser’s displayed DOM efficiently.
* Used Cascading Style Sheet (CSS) in web pages to separate presentation from structure.
* Used Webpack, Babel, and gulp for transpiration (compilation) configuration for to covert Typescript to JavaScript.
* Worked with React-router, TypeScript, Babel, JavaScript, ES6, GraphQL, and React bootstrap.
* Extensively used React-Router techniques Apollo service to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
* Used React-Router to turn application into Single Page Application.
* Worked in using React JS components, Forms, Events, Keys, Router.
* Worked on Micro frontend React routing and backend Node.js/Express.js routing for request processing and data sending.
* Improved UX and application performance by integration ReactJS Micro-frontend framework.
* Used jQuery to manage event managements, small-time animations and to develop dynamic front end.
* Experience in integrating web pages with web services (NGINX, Apache), working with GraphQL APIs via client-side JavaScript.
* Developed components for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and more.
* In Phase Two, worked closely with the Back-End team to display data using the Custom Components, library Components, and Redux.
* Developed the unit testing scripts using JEST for evaluate the React components using Enzyme and react test renderer.
* Used JIRA for Bug Tracking to ensure quality code.
* Involved in unit testing of various modules by generating the test cases using Jest and Enzyme.
* Extensively used Git for version controlling and regularly pushed the code to GitHub and was responsible to resolve the code conflicts.
* Analyzed the complete architecture of various applications in-order to design the application.
* Interacted with Testing Team and Business Analysts for fixing of Issue.
* Added Dynamic Functionality by creating and dispatching Action Creators that deployed Actions.
* Created and used Reducers that received said Actions to modify the Store State Tree.

**Environment:** ReactJS (Hooks), NodeJS, Redux, ExpressJs, MongoDB, Enzymes, Jest, JavaScript, ES6, TDD,

Cypress, TypeScript, Micro-Frontend, HTML5, BootStrap5, JQuery, CSS3, JSON, Responsive Web Design (RWD), NPM, GIT, GitHub, GraphQL, Agile, AWS.

**Client: Rogers, Brampton Feb’20 – Oct’20**

**Role: React/Front End Developer 09 Months**

**Project: eCommerce - TSC**

Description:

Today's Shopping Choice (also known as TSC) is a Canadian English language home shopping television channel owned by Rogers Media. The channel highlights various products which viewers can purchase either by telephone or internet.

**Responsibilities**

* Design, develop and test HTML5, SASS, Material UI, three.js, Typescript and React.JS that meets accessibility and web browser standards for website.
* Developed user interface by using the React JS, Redux for SPA development.
* Implemented react JS code to manage cross browser compatibility issues in Mozilla, IE 7, 8, 9, Safari and FF.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Consumed REST based Micro services with Rest template based on Restful APIs/
* Worked on Micro-frontend architecture in order to make sure not overloaded and easy to manage all micro apps at same time.
* Maintained states in the stores and dispatched the actions using Redux.
* Implemented the Drag and Drop functionality using React.
* Used Middleware, NodeJS in application to retrieve data from Back-End and to also perform RESTFUL services.
* Added Dynamic Functionality by creating and dispatching Action Creators that deployed Actions.
* Created and used Reducers that received said Actions to modify the Store State Tree.
* Configured CI/CD pipelines using Azure DevOps, automating deployment process, improving speed.
* Experienced on Azure Cloud Services for deploying Web-Applications using Azure CLI.
* Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
* Called the Restful web services call for POST, PUT, DELETE and GET methods.
* Experienced on Azure Cloud Services for deploying Web-Applications using Azure CLI.
* Experienced in development of web applications using Microsoft Azure as the cloud technology for building, testing, deploying, and managing applications and services through Microsoft-managed data centers.
* Experienced on creating and managing Azure VM, VMware tools, Cloud Services, and Storages.
* Used Object Oriented Programming concepts to develop UI components that reused across the Web Application.
* used Git for version controlling and regularly pushed the code to GitHub and was responsible.
* Interacted with Testing Team, Scrum-Masters, and Business Analysts for fixing of Issues.
* Involved in writing application-level code to interact with REST API's and test using “Postman.”
* assessed the functionality in multiple browsers to ensure cross-browser compatibility.

**Environment:** ReactJS, JavaScript, TypeScript, Micro-Frontend, HTML5, ES6 features, three.js, Rest API’, SASS, MongoDB, Material UI, Azure, Jest, Enzymes, AJAX, JSON, Express.js, Node.js, Responsive Web Design (RWD), NPM, jQuery, GIT, GitHub, Agile.

**Client: BMO Capital Markets, Toronto Jan’18 – Dec ’19**

**Role: UI/JavaScript Developer 24 Months**

**Project: Retail Investment Platform End to End Investment Journey (RIP E2EIJ)**

Description:

Retail Investment Platform (RIP) is a UI application designed for Retail Branch Banking sales advisers. RIP is a sales application that supports account maintenance for PS&I Investment Accounts. RIP will support the maintenance of RSP and TFSA accounts.

**Responsibilities**

* Wrote extensive HTML5, CSS3, MUI, ES6 features and JavaScript code to build dynamic pages using Eclipse.
* Implemented AJAX functionality using JQUERY, JSON and XML.
* Involved in complete SDLC life cycle - Designing, Coding, Testing, Debugging and Production Support for over 2+ years.
* Worked closely with Business Analysts in understanding the technical requirements of each project and prepared the use cases for different functionalities and designs.
* Extensively used jQuery plug-ins, Ajax Queue, Auto Populating select-box, Search plug-in, calendar plug-in, AJAX-queue plug-in, and auto populating multiple select-boxes.
* Developed UI using for rich user interaction.
* Developed server-side REST style web services and called them from Angular controllers.
* Designed new classes and functionalities using various JQUERY components for CRM application for customer service.
* Used Ajax for populating the list/drop down box with data.
* Worked on AJAX to develop an interactive Web Application and JavaScript for Data Validations.
* Involved in writing application-level code to interact with REST API's and test using Postman.
* Wrote application-level code to interact with the backend Java, AJAX, and JSON.
* Managed all aspects of the web application including maintaining, testing, debugging, deploying, and printing.

**Environment:** Java, AJAX, Servlets, JSX, RWD, jQuery, JavaScript, ReactJs, HTML5, Restful, ES5, MUI, CSS3, Junit, IDE - Eclipse, SQL, MYSQL, Windows.

**Client: BMO Capital Markets, Toronto Sep ’17 –Dev’17**

**Role: UI/JavaScript Developer 4 Months**

**Project: Retail Investment Platform End to End Investment Journey (RIP E2EIJ)**

**Responsibilities**

* Performed the requirement analysis by interacting with key stakeholders to get better understanding of the scope and deliverables of the project.
* Analyzed the complete architecture of various applications in-order to design the application.
* Used AJAX framework for the project using jQuery. Used jQuery for event handling and dynamic manipulation of DOM.
* Worked on jQuery plug-ins like Image Light box, Ajax Queue, Auto Populating select-box, Search plug-in, calendar plug-in and auto populating multiple select-boxes.
* Developed applications with reusable UI framework and integrating with backend and making them compatible with the backend code.
* Wrote JavaScript handler functions for primary validations of the web forms as well as enhancing the page's interactivity for the users using Ajax.
* Reviewed already-made codes to identify and achieve performance improvements as well as more secure access of the application.
* Used Action forms and Dyna Action forms for Validation.
* Ensure quality assurance of the deliverables. Support and advice to QA team testing in various environments.
* Worked on hand coding of HTML and CSS.
* Created new pages for each project using HTML, CSS, Material UI and ES5.

**Environment**: Java, AJAX, Servlets, JSX, jQuery, JavaScript, HTML5, Restful, XML, CSS3, Junit, IDE - Eclipse, Material UI, ReactJs, NPM, MYSQL, Windows.

**EDUCATION**

* Master of Science in Mathematics (Acharya Nagarjuna University, India (2003-2005)).
* Pursued Post Graduate Diploma in Computer Applications (PGDCA) in NIIT, India