**UI Developer**

**Srujan Tirunagari**

[**srujankt@gmail.com**](mailto:srujankt@gmail.com)

**3125985649**

***PROFESSIONAL SUMMARY***

* A Passionate UI Developer having 8+ years of diverse experience in HTML/HTML5, CSS2/3, React.JS, Angular MVC, React Native, Virtual DOM(**React**), AJAX, DOM, Vanilla JavaScript, Java ES6, JQuery
* Up-to-date with React 18 features like New **Hooks**, improved Performance and Automatic Batching
* Experience with middleware libraries such as **Redux**-Thunk and Redux-Saga, and in building isomorphic/universal applications using **React.js** and Redux with **GraphQL** on the server side
* Proficient in modern JavaScript, including **ES6 and ES7+,** with strong understanding of asynchronous programming using Promises and async/await
* Skilled in integrating and connecting multiple microservices via GraphQL, and working with Apollo Client in both React and **React Native** environments
* Developed cross-platform applications for web and mobile using React and React Native, leveraging UI component libraries such as **Material UI**, Semantic UI, and ReCharts
* Adept in responsive design and building custom UI components, with a focus on performance and scalability using container vs. presentational component architecture
* Well-versed in test-driven and behavior-driven development using Jest, Enzyme, and **React Testing Library**  
  Familiar with **React Router**, create-react-app, Babel, Webpack, and related build/transpilation tools
* Experienced in using source control systems including **Git**, Bitbucket, and SVN, along with CI/CD tools like **AWS** CodeCommit and Bamboo
* Comfortable working within complex IDEs such as **Visual Studio** and VS Code in Agile (SCRUM) environments
* Knowledgeable in resolving browser compatibility issues and implementing advanced CSS techniques, including animations, pseudo-elements, positioning, and layout strategies with **Flexbox** and Grid
* Proficient in building and consuming **RESTful APIs,** and implementing AJAX functionality using **JavaScript** and jQuery
* Strong communication and problem-solving abilities, with a proven track record of working effectively both independently and within collaborative team environments
* Focused on delivering robust, **high-performance** software while reducing process redundancies and optimizing workflows through configuration and **automation**

***Skills:***

* **Frontend Technologies**: HTML/HTML5, CSS2/3, JavaScript (ES6/ES7+), React.JS, Angular MVC, React Native
* **Backend Technologies**: Java, Node.js
* **Design**: Responsive Design, UI/UX Design Principles
* **Version Control**: Git, Bitbucket, SVN
* **Testing**: Test-driven Development (Jest, Enzyme, React Testing Library)
* **Data Handling**: GraphQL, Apollo Client
* **Other**: Cross-Browser Compatibility, Performance Optimization

***PROFESSIONAL EXPERIENCE***

**CVS Health, Remote Feb’ 24 – Current**

**Web Developer**

**Project Description:**  
Developed and maintained features for CVS Pharmacy's web-based Active Health Digital Application, a comprehensive platform for managing health services and information. Collaborated with cross-functional teams to deliver seamless and user-friendly components like **Find care & pricing**, Find Plans and Providers, Inbox notifications, **the Rewards Center** (inclusive of rewards history and details), ID card display, account management, claims, benefits, and prescription management. Also focused on implementing tertiary navigation buttons to enhance user navigation.

**Responsibilities:**

* Designed, developed, and optimized reusable React components for various parts of the platform, enhancing modularity and consistency across the application.
* Developed and maintained RESTful APIs using Java (Spring Boot), integrating with MySQL and MongoDB databases to support scalable microservices architecture.
* Implemented authentication and authorization using Spring Security and JWT, enhancing application security and reducing unauthorized access incidents by 30%.
* Leveraged **React's hooks** and context API to manage component state efficiently and reduce complexity in the application's state management.
* Optimized database queries and **caching strategies** for improved performance in **high-traffic applications.**
* Integrated third-party services and microservices architecture to enhance application functionality.
* Migrated key components to TypeScript, enhancing code reliability and maintainability through strict type-checking and improved documentation.
* Used TypeScript interfaces and types to improve the developer experience and reduce runtime errors in complex state-driven components.
* Integrated **GraphQL** for efficient data retrieval, reducing payload size and optimizing data loading performance.
* Wrote GraphQL queries and mutations for fetching and updating user-specific information, like rewards, notifications, and prescription data.
* Utilized **Contentful** to dynamically manage and serve content for different sections, ensuring content flexibility without code changes.
* Created content models and structures for managing rewards information, ID card details, and notification content, allowing non-technical teams to update content easily.
* Implemented Redux for centralized state management, handling complex data interactions across various features, such as user accounts, rewards, and notifications.
* Configured middleware to handle asynchronous actions, enhancing responsiveness in real-time data updates for claims and prescription information.
* Implemented **modular and reusable Playwright test components** to increase test maintainability and reduce script duplication by 50%.
* Consumed RESTful and GraphQL APIs to integrate backend services, ensuring smooth data flow and up-to-date information in the user interface.
* Coordinated with backend teams to define API contracts and ensure alignment on data requirements and structure.
* Contributed to the development of a **custom Playwright framework** with built-in reporting, environment configuration, and reusable utility functions.
* Mentored junior QA engineers on **automation best practices, Playwright scripting**, and debugging techniques.
* Contributed to a micro-frontend architecture, ensuring independent deployments and modularization of features, enhancing scalability and easing maintenance.
* Leveraged MFE to create isolated, self-contained components, improving reliability and allowing parallel development across teams.
* Used Next.js for server-side rendering and static generation, boosting SEO performance and initial load times for pages like Find Care and Rewards.
* Configured dynamic routing for account management and prescription detail pages, enabling a seamless navigation experience.
* Ensured compliance with WCAG 2.1 accessibility standards by fixing identified a11y issues, making the platform usable for users with disabilities.
* Collaborated with UX/UI teams to implement ARIA attributes, keyboard navigation, and screen reader compatibility.

**Environments**: HTML/HTML5, CSS/CSS3, Playwright, Selenium, Java, Javascript, bootstrap React JS, react-navigation, React-Redux, React-Native, Node.js, Graph-QL, Apollo Client, AJAX, ES6/7, JSON, React Testing Library

**Envestnet Inc, Raleigh, NC Jan’ 22 – Dec’ 24**

**UI Developer**

**Project Description:** Envestnet Inc provides Financial Advisory which develops and distributes wealth management technology, and our application includes creating users, partners, dashboard, Security, Client identity portal with users have client management in different Platforms and Configure MFA’s, generating reports, SSO SignOn and Direct Login.

* Design and develop user interfaces for financial applications and tools, ensuring they are user-friendly, visually appealing, and functional.
* Have extensive Knowledge in the **React, react-redux, webpack** and native app integrations
* Involved working on the Nginx/Node setup as part of **CI/CD deployment** on development/staging and Production environment using build tools like **webpack.js**
* Implemented Single Page Application (SPA) using Material **UI**.
* Integrating UI components with back-end systems, ensuring seamless data exchange and functionality.
* Creating interactive data visualizations to represent complex financial data in an understandable and insightful manner.
* Collaborating with UX designers to implement wireframes and prototypes, focusing on enhancing the overall user experience.
* Worked in using **React JS components, Forms, Events, Keys, Router.**
* Used Web services (**SOAP** and **RESTful**) for transmission of large blocks of XML/JSON.
* Maintained states in the stores and dispatched the actions using **redux**.
* Implemented bing maps ATM location search using **react** and tested on all browsers.
* Component for UX-Library consisted of **Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown** and **many more.**
* In Phase Two, worked closely with the **Back-End team** to display data using the **Custom Components, library Components**, and **Redux**.
* Optimizing UI for mobile devices, considering the mobile-first approach to ensure a consistent user experience across different screen sizes.
* Utilizing UI frameworks and libraries such as React, Angular to expedite development while maintaining high-quality standards.
* Participated in UAT (User Acceptance Testing) to validate system behavior from an end-user perspective.
* Conduct UI testing to identify and address issues, ensuring a bug-free and efficient
* Using version control systems like Git to manage codebase and collaborate effectively with other team members.
* Working closely with designers, back-end developers, and other team members to translate design concepts into functional UI elements.
* Optimizing UI performance to ensure quick loading times and a seamless user experience, particularly for data-heavy financial applications.
* Ensuring that the UI is compliant with accessibility standards (e.g., WCAG) to accommodate users with disabilities.
* Maintaining a strong awareness of security best practices when developing UI, particularly for financial applications that handle sensitive data.
* Creating and maintain documentation for UI components and development processes, aiding in knowledge sharing and future reference.
* Extensively used Rxjs operators handling the data.
* Created Reusable components, Custom Modules, Custom directives, Pipes, Services in Angular.
* Used Figma application to develop seeing the designs and mockup.
* Monitoring resources and application using AWS cloud watch including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3, SNS
* Responsible for creating tagging standards or proper identification and ownership of EC2 instances and other AWS resources
* Part of the working with **Terraform** key features such as Infrastructure as a code, Execution plans, Resource Graphs, change automation and extensively used Auto scaling launch configuration templates for launching amazon EC2 instances while deploying microservices.
* Participated for implementation of cluster services using **Kubernetes** and **Docker** to manage local deployments in Kubernetes by building a self - hosted Kubernetes cluster using **Terraform** and Ansible and deploying application containers.
* Involved in implementation of server less architecture using API gateway Lambda and Dynamo DB
* Deploying AWS lambda code rom Amazon S3 buckets and creating Lambda Deployment function and configuration to receive from S3 Bucket.

**Environment**: Outlook 365 Tools. Visual Studio Code, TestRail, Postman, Playwright, Docker, HTML-5, Figma, Material UI, CSS3, Sass, Terraform, Docker, Kubernetes, AWS, JavaScript, Axios, React JS, Redux, JSON, Git hub, Restful API, Angular 9-14, AWS, GIT, SonarQube, Confluence, Sitecore8/9, Jest, React testing Library.

**Comcast Corporation, Philadelphia, PA Sep’ 20 – Jan’ 22**

**React Developer**

**Project Description:** Comcast provides the best in Internet, TV, voice, mobile, and home management with Xfinity. Comcast includes sourcing for Learn Rewrite Project and managing the contract with Populus Group LLC (Staffing).

* Collaborate with architects, developers and business partners to develop enterprise applications
* M**igrated project from .Net, SiteCore8(CMS) version to React.js, Redux ToolKit, Redux Saga, TypeScript, SiteCore9 version.**
* Performed **Accessibility** **A11Y** testing and implementing on all screens.
* Develop UI components using **JavaScript**, **AJAX** and **React.js**
* Perform implementations and support **for higher** and **lower-level environments** and other duties
* Used **axios** for making **api calls** to retrieve the data from Sitecore api.
* Worked on Legacy angular as framework to create SPA single Page application.
* Used Angular Material, PrimeNG.
* Understanding **.Net** and **Sitecore** from old project and rewrite the whole project from scratch.
* Unit tested the application using **Jest**, **enzyme** and **React-testing library** to all of the components.
* Maintained Store using **redux** implementation to the latest project and **state management**
* Tracked tickets using **Rally Tool** and maintained repository in **GitHub**
* **Tested** application on Cross browser **IE**, **Chrome**, **Firefox**.
* Experience on deploying code to dev and stage environments and participating in **PROD** deployments.
* Participating in **on-call supports** dealing with prod issues and fixes.
* Grooming dev stories after writing Acceptance criteria.
* Performed end-to-end manual testing for web and mobile applications, ensuring functionality, usability, and cross-browser compatibility.
* Conducted **cross-platform testing** and **cross-browser testing** to validate UI consistency and functionality across different environments.
* Collaborated with developers to understand **application architecture and logic** to perform **white box testing** at the unit and integration level.
* Conducted **database validation and SQL queries** to ensure backend data consistency and correct API integrations.
* including development of **UI components** and **CMS**
* Finding the logs of errors and debugging what time the issue happened using Service Awareness tools like discover open search dashboards.
* Ux designs developed in figma to utilize for UI screen development.
* Proficient with development and management of AWS services including but not limited to VPC, Route 53, ELB, EBS, EC2, S3

**Environment**: HTML-5, Tailwind, CSS3, Sass, JavaScript, .Net, C#, Axios, Ajax, Angular6-14, Angular CLI, React JS, Redux, JSON, Git hub, Restful API, Rally MS Teams, Slack, Abstract, Figma, Miro board, Azure, Team City, Confluence, Sitecore8/9, Jest and Web Strom, Visual Studio, Figma, AWS

**Wells Fargo, SFO, CA Jul’ 20 – Aug’ 20**

**Frontend Developer**

**Project Description:** Wells Fargo & Company is an American multinational financial services company headquartered in San Francisco, California, with central offices throughout the United States. Wells Fargo Application currently is in production, and I was responsible to support the Search application, Locator application for mobile and Desktop platforms.

* Design, develop and test **HTML5**,**CSS3**,**Bootstrap**, **JavaScript, jQuery** 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.**
* Developed user interface by using the **React JS, Redux ToolKit, Redux Saga, Redux** for **SPA** development.
* Implemented **react JS** code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Used React-Router to turn application into **Single Page Application**
* Worked in using **React JS components, Forms, Events, Keys, Router.**
* Used Web services (**SOAP** and **RESTful**) for transmission of large blocks of XML/JSON.
* Maintained states in the stores and dispatched the actions using **redux**.
* Implemented bing maps ATM location search using **react** and tested on all browsers.
* Component for UX-Library consisted of **Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown** and **many more.**
* In Phase Two, worked closely with the **Back-End team** to display data using the **Custom Components, library Components**, and **Redux**.
* Used **Middleware, Redux-Promise** 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**.
* Optimized **animation logic** with optimistic functions to increase performance in rendering.
* Worked with backend engineers to optimize existing **API calls** to create efficiencies by deprecating unneeded **API calls**.
* Called the **Restful** web services calls for **POST, PUT, DELETE** and **GET** methods.
* Used **Object Oriented Programming** concepts to develop **UI** components that could be reused across the **Web Application.**
* 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.
* Worked with **Jest and React-testing-library** unit test framework to write unit tests for JavaScript code.
* Extensively used debugging tools such as **Firebug** and **IE Dev tools**to investigate the issues and fix the bugs.
* Monitoring the offshore work and providing **technical** help to the offshore team for their **JIRA**tickets.
* Interacted with **Testing Team**,**Scrum Masters** and **Business Analysts** for fixing of Issues.
* Performed the **System Testing**,**Regression Testing** for Complete UI after fixing the Issues which are reported by Testing Team.

**Environment**: HTML 5, CSS3, Sass, Less, JavaScript, Bootstrap, Ajax, React JS, Redux, **Redux ToolKit, Redux Saga,** My SQL, XML, XSL, XSLT, JSON, Git hub, Restful API, JIRA, Jest and Web Strom, Visual Studio.

**Hilton Corporation, Memphis, TN**

**Full Stack Developer Apr’ 18– Jun’ 20**

**Project Description**: I was responsible for designing, developing and maintaining e-commerce front-desk application for hotel reservations. The apps have been developed using react/ redux/react native for web and mobile. The Android and iOS apps are built using React Native taking advantage of business logic code for cross platform. I am responsible are creating reservation, customer check-in/check-out, weekly and daily reports, Drawer Navigation components and some backend integration support for the mobile application. The app is built on React and React Native with Redux as state management.

***Responsibilities***

* Maintained the existing mobile app using React Native Framework for IOS, Android and Windows Platforms
* Responsible for developing React-Native View components and reusable **Functional based components** with **react-hooks, React-Apollo-Hooks and context-API**
* Responsible for fulfilling the **Accessibility(A11y)** requirements and testing with iPad Voiceover and Android talkback
* Implemented front end user interface and features in the application using **TypeScript, ES6/ES7, JSX and React native, Angular MVC**
* Writing the unit test cases using **the jest, enzyme and react-native-testing library**
* Responsible for keeping the app-load/render time very low to improve the performance keeping business revenue impact in mind.
* Created Reactive forms and performed validations using Angular 4.
* Created Stored Procedures Functions, Views and Triggers in SQL-server 2012 database using T-SQL for regulate and maintain complex data.
* Integrated **Apollo client** with **GraphQL** to aggregate data from multiple sources
* Built Booking-reservation for hotels and integration with **Visa/Master-Card/PayPal**
* Built reservation-checkout feature with **React/context-API**
* Built reports and tables for daily/weekly data using **react-native-table-component**
* Responsible for re-architecting and building promotional offer feature in reservation Prime Account Holders
* Extensive usage of **flexbox**, Dimensions references for support for many mobile device designs.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager)
* Created Priming Tree Table to present data and some additional functions like add note, delete note, edit node to do CRUD and rewrite custom functions and CSS of Prime NG tree table to meet the requirements accordingly.
* Strong follower of **Agile/Scrum** while working with stories and production defects and software development which satisfies the Customer through early and continuous delivery of valuable software
* Worked **with Bitbucket and GIT** makes projects more organized while preventing data loss when changes are made to source code

**Environments**: HTML/HTML5, CSS/CSS3, bootstrap React JS, react-navigation, Angular 4 React-Redux, React-Native, Node.js, Graph-QL, Apollo Client, AJAX, JavaScript6, JSON, Formik & Yup, Jest, Enzyme.

**IT WorkForce Inc, Chicago  
Programmer Analyst / Web Developer Sep’ 17 to Apr’ 18**

**Responsibilities**:

* Implementing custom logging framework for Mule ESB application.
* Using Spring framework to inject services, entity services, transaction management, and concerns
* by factory class corresponding to the use case operation executing.
* Involving in creating http inbound & outbound flows and orchestration using XPath using MULE ESB.
* Integrated web services including SOAP as well as REST using Mule ESB.
* Coding and programming of Hadoop applications.
* Developed multiple UI pages using HTML, Jquery, Typescript and SASS
* Used React library to build single page application

***Education Details:***

**Masters in computer science**   **Aug’ 15 to May’ 17**

**Governor’s State University**

**Bachelors in Electronic and communications Sep’ 10 to May’ 14**

**JTNUH**