**Dhanush Ram**

**React UI Developer**

**510-854-1314**

**PROFESSIONAL SUMMARY:**

* **9+ years** of IT experience which includes experience in user-interface design and development of professional web applications using latest technologies.
* Experience in all phases of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with **Agile** and SCRUM.
* Expertise in **React JS** including working with React Redux Architecture in building client-side web applications.
* Strong experience in **HTML/HTML5, CSS/CSS3, Java Script, Type Script, ECMA 5/6, jQuery, AJAX, JSON, Bootstrap and Angular JS (1.x) and Angular latest versions.**
* Comfortable working with MEAN**(MongoDB, Express, Angular, NodeJS)** stack.
* Strong Experience in implementing Service Oriented Architectures (SOA) using **RESTful Web Services**.
* Designed dynamic user interfaces using **AJAX and jQuery** to retrieve data without reloading the page and send asynchronous request.
* Experience on working with **CSS background, Layouts, Positioning, Text, Border, Padding, Elements.**
* Experience in building **Single Page Application (SPA) using Model View Controller (MVC)** framework such as **Angular using Type Script and ECMA Script.**
* Expertise in using Redux-Promise in application to retrieve data from Back-end and dispatching actions.
* Experienced in working with ECMA Script 6 features. Used Babel, web pack.
* Expertise in creating Custom Reusable React Components Library to avoid code rewrite.
* Expertise with RDBMS concepts like Functions, Triggers, Stored Procedures, SQL, and PL/SQL Packages.
* Developed code to call the web service/APIs to fetch the data and populate on the UI using Angular.
* Expertise in various **Agile methodologies like SCRUM** and **Test-Driven Development (TDD**).
* Experience in Cross browser compatibility testing and intellectual challenges in User Experience (UX), Responsive Web & Bootstrap.
* Thorough understanding of CSS principles with a clear ideology for managing maintainable, scalable and cross-browser code.
* Working experience on **CSS** Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
* Good Understanding of Document Object Model (DOM) and DOM Functions compatibility including SEO / web standards.
* Knowledge of utilizing cloud technologies including Amazon Web Services (AWS).
* Experience in writing test cases and performing regression testing using Jest.
* Experience using **Github Actions**scripts for project deployments.
* Ability to work effectively while working as a team member as well as individually.
* Experience in directly helping clients to resolve any issues that came up during software integration.
* Have excellent communication and problem-solving skills with excellent understanding of system development methodologies, techniques, and tools.

**TECHNICAL SKILLS:**

Web Technologies Angular JS, React JS, Redux, Jotai, GraphQL, Node.js, HTML/HTML5, CSS/CSS3, JavaScript, Express, D3.js, Webpack, Babel, SASS, LESS, ES6, jQuery, JEST, Ajax, Bootstrap.

Database MySQL, Oracle, MongoDB, PostgreSQL.

Languages/Scripts PowerShell, C++, Java, Shell Script, JavaScript, TypeScript.

Tools, VCS GIT, Subversion(SVN), Github, Eclipse, IntelliJ IDEA.

Web Servers Apache, JBoss, Web Sphere.

Operating Systems Red Hat Linux, UNIX, Ubuntu, macOS, Windows

**PROFESSIONAL EXPERIENCE:**

**INTUIT, Mountain View, CA Oct 2023 – Till date**

**Frontend Developer**

**Responsibilities:**

* Involved in developing the new project **Money Front Door** under **Quickbooks Money** to provide services for existing and new consumers.
* Designed and developed the web application using **React 17** and implemented code using **TypeScript** with latest features.
* Optimized the rendering using **Jotai** for global react state management.
* Created **Atoms** to implement required functionalities and combined them for building the state.
* Implemented code using functional components and used **GraphQL** to receive and pass data to back-end.
* Worked regularly with Designers using **Figma** to continuously improve the product and update functionality.
* Involved in **Contractor Payee Migration** initiative to onboard existing and new contractors of clients on Quickbooks Money.
* Developed the web page to render PDF of users in order for them to review and sign off for establishing the account creation connection.
* Included front-end validation of the code before making back-end call to ensure proper verification.
* Worked with off-shore back-end teams to establish **API** end-point connections and smooth transfer and retrieval of user data.
* Extensively used debugging tools like Chrome Devtools, **IntelliJ IDE** tools to investigate issues and fix bugs.
* Addressed real-time on-call issues on high priority and delivered solutions to resolve problems.
* Added test cases using **JEST** in order to unit test each component before release.
* Worked also on **Payment Sales UI** Plugin in order to migrate it to support latest **Intuit storybook** components.
* Successfully maintained the functionality with new migration and additional logic changes as per the initial requirements mentioned my Product management team.
* Tested extensively with senior engineers to ensure seamless integration of the new code and inspected for any new bugs.
* Maintained and updated the documentation regularly for developers’ ease of use after migration.
* Interacted with Distuingished engineers, architects to design and implement the application without disrupting the existing **Quickbooks Online** application.
* Used **Git** for version control and regularly maintained and reviewed code on **GitHub.**

**Environment:** React JS, TypeScript, GraphQL, HTML5, CSS3, JEST, LESS, SASS, JavaScript, Web pack, Git.

**SAMSUNG, Mountain View, CA  Mar 2019 – Sep 2023**

**UI Developer**

**Responsibilities:**

* Developed the Advertiser Campaign Manager Application using **Angular JS**, **HTML/CSS, JavaScript, jQuery, Bootstrap.**
* Designed and developed a Real-Time Bidding Advertisements web application by using **React JS** on **front-end** and using **Web API** to receive and pass data to back-end.
* Involved in using **React JS** components, Forms, Events, Keys, Router, Animations and Redux concept.
* Optimized **RESTful API** using **Node.js** for the AdDelivery system to enhance the Real-Time Bidding application thus reducing response times by 50% and improved overall system performance by 35%.
* Created charts components using **D3** and **High Charts** for generating reports for Clients.
* Implemented various screens for the front end using **React JS** and used various predefined components from NPM (Node Package Manager) and libraries.
* Implemented state management using React inbuilt methods to transfer data.
* Implemented the Drag and Drop functionality using React-Draggable.
* Used React-Autocomplete for creating google maps location search on the webpage.
* Implemented code using Functional components and refactored existing Class Components to meet latest standards.
* Optimized animation logic with optimistic functions to increase performance in rendering.
* Used Git for version controlling and regularly pushed the code to **GitHub**.
* Have worked on AWS to fetch the pictures and Videos from **AWS** to UI.
* Extensively used debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
* Interacted with Testing Team, Scrum Masters and Business Analysts for fixing of Issues
* Involved in the architecture team for design and implementation of system.
* Created Front End Library for integration with Samsung TV Applications.
* Used Typescript, webpack and babel to build the client library.
* Implementation session generation functionality for Samsung TV Applications.
* Designed and developed Heartbeat feature to send live updates of TV application status to the backend.
* Created Reference or local demo application in Tizen Studio using html, css and javascript to run on TV to simulate real world applications.
* Tested client applications on various TV year models to ensure library integration and correct functionality.
* Maintained the library versions and did regular production deployments of the client library.
* Engaged in direct Client meetings to resolve any issues that came up during integration of library.
* Implemented advertisement switching functionality inside a single application with the help of just one remote.
* Participated in Hackathons and developed business enhancing proof of concepts like faster build time of applications.
* Built business solutions like feature flag enabling system to enable features dynamically on demand across projects from a central location.
* Performed critical roles like Lifeguarding which involved daily Continous Integration and Continous Deployment of the Real Time Bidding Project.
* As part of lifeguarding, created and deployed Hot Fixes on demand including fixing the version if something broke in production.
* Maintained and updated Client Integration guide on a regular basis to keep the client updated with any minor or major release.

**Environment:** Angular JS, React JS, Node.js, D3.js, HTML5, CSS3, Bootstrap, LESS, SASS, JavaScript, Web pack, Git.

**USAA, San Antonio, TX  Jul 2018 – Feb 2019**

**UI Developer**

**Responsibilities:**

* Developed the web Application using **React JS, HTML/CSS, JavaScript, jQuery, Bootstrap.**
* Designed and developed a web application by using **React JS** on **front-end** and using **Web API** to receive and pass data to back-end.
* Involved in using **React JS** components, Forms, Events, Keys, Router, Animations and Redux concept.
* Implemented user interface by using the **React JS,** Redux for **SPA** development.
* Databases used are **PostgreSQL** and Redis server.
* Using linting tools like ESLint to maintain standards in the code.
* Implemented various screens for the front end using **React JS** and used various predefined components from NPM (Node Package Manager) and redux library.
* Created and used Reducers that received said Actions to modify the Store State Tree.
* Maintained states in the stores and dispatched the actions using **redux**.
* Implemented the Drag and Drop functionality using React-Draggable.
* Used React-Autocomplete for creating google maps location search on the webpage.
* Used Middleware, **Redux-Promise** in application to retrieve data from Back-End and to also perform **RESTFUL** services.
* Utilized various **Node.js** modules and libraries to optimize applications for maximum speed and scalability, resulting in a 25% reduction in development build time which increased the finance system performance.
* Used Git for version controlling and regularly pushed the code to **GitHub**.
* Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the **GitHub API** through keywords.
* Have worked on AWS to fetch the pictures and Videos from **AWS** to UI.
* Used **Node.js** to write reusable and efficient code which lead to a 25% increase in team productivity.
* Extensively used debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
* Interacted with Testing Team, Scrum Masters and Business Analysts for fixing of Issues

**Environment:** HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery, React.js, Redux, Node.js, Web pack, Jest, Git.

**Nokia, Chicago, IL Jul 2017 – Jun 2018**

**UI Developer**

**Responsibilities:**

* Developed web Application using **Angular 2/ 4, JavaScript, HTML/CSS, jQuery, Bootstrap.**
* Designed and developed a web application by using **Angular4** as **front-end** and using **Web API** to receive and pass data to back-end.
* Extensively worked on **Angular JS (1.x) Factory** and **Services for Dependency Injection** andalso created the **custom Directives** for reusable components.
* Used **Angular 2, Angular 4, Type Script, HTML5, CSS3, JQuery** to build (**SPA) Single Page application.**
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 2** and **Angular 4**
* Used **Bootstrap** for responsive web design along with **CSS media Queries.**
* Used **NPM, Angular 4** to work with various frontend libraries, frameworks and integrations.
* Created **Angular 4** based apps using Google Firebase backend for rapid prototyping.
* Worked with **Angular 4** Components, **Routing, Directives** and **Angular HTTP** service to make **REST calls** using different **HTTP methods.**
* Implemented navigation bar as a custom directive of **Angular4 Framework** to reuse on different templates.
* Created multiple **TypeScript modules** to manage written codes in angular project.
* Served **Angular application** using the **ng serve command**
* Created new Angular project in Node using the **ng new command**
* Compiled **TypeScript files** to produce equivalent **ECMA6 JavaScript files**
* Involved in building stable React components and stand-alone functions to be added to any future pages.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Implemented the Drag and Drop functionality using React-Draggable.
* Used Node JS to run Web pack tasks and build properly the project.
* Implemented modules into **Node JS** to integrate with designs and requirements.
* Added dynamic Functionality by creating and dispatching Action Creators that deployed Actions.
* Worked with backend engineers to optimize existing **API** calls to create efficiencies by deprecating unneeded **API** calls.
* Used Git for version controlling and regularly pushed the code to **GitHub**.
* Used HP Quality Center as bug tracking system to track and maintain history of bugs/issues everyday basis.
* Interacted with Customers and development teams for Fix the Issues.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.

**Environment:** Angular (2/4), React JS, Redux, HTML5, CSS3, ES6, Bootstrap, SASS, LESS, JavaScript, jQuery, Git.

**Siyaton Software Solutions, India Sep 2013 – Dec 2015**

**Software Developer**

**Responsibilities:**

* Built user interactive web pages using **Angular JS, AJAX**, **JavaScript**, **LESS** and **Bootstrap**
* Designed and developed the application to be responsive for desktop, mobile and tablets using **Bootstrap** (**HTML5**, **CSS**, and JavaScript).
* Extensively involved in redesigning the entire site with **CSS** **(LESS)** styles for consistent look and feel across all browsers and all pages.
* Responsible for all client-side UI/UX Validation and implementing Business logic based on user selection using jQuery, jQuery UI and Angular JS.
* Communicate with the client to understand the requirement of the website, gained experience in project planning, involved in writing the Project Design Document and Project Plan Document.
* Wrote application level code to interact with APIs, Web Services using AJAX, JSON and hence building type ahead feature using **jQuery**, Angular JS and **jQuery** UI.
* Experienced in writing test cases using various JS based frameworks like **Jasmine.**
* Defined new validations through Angular JS for the form field validation implemented through HTML5.
* Used **Git, Bitbucket** and **SVN** for Source code version control.
* Used design patterns like DAO and DTO, Singleton.
* Designed dynamic user interfaces using **AJAX** and **jQuery** to retrieve data without reloading the page and send asynchronous request.
* Maintained 24/7 high volume availability using open source tools such as Linux, Apache, and MySQL.
* Enhanced and built reusable components across different modules using Custom directives and CSS classes.
* Debug the application using **Firebug** to traverse the documents and manipulated the Nodes using **DOM** and DOM Functions and used **JIRA** for bug tracking and issue tracking.

**Environment**: AngularJS, HTML5, CSS3, JavaScript, jQuery, LESS, Eclipse IDE, MySQL, Jasmine, Git.