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**Software Engineer - Frontend**

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### **PROFESSIONAL SUMMARY:**

- ❖ Around **7 years** of professional expertise in developing web/native applications as a **Front-end/UI** engineer, specializing in **User Interface** architecture with **JavaScript** frameworks and libraries.
- ❖ Experienced in Web development using **HTML5, DHTML, XHTML, CSS3, Bootstrap, Object Oriented (OO) JavaScript, AngularJS, ReactJS, React Native and jQuery** technologies.
- ❖ Highly skilled in using **React JS, React Native** to build the **User Interface (UI)** components and developed filters to display different dimensions of data and font size modifiers.
- ❖ Highly efficient in developing applications for different platforms like **web, iOS and android** using **React Native** and **Expo router**
- ❖ Familiar in building **GraphQL** queries and resolvers to enable data exchange between **gRPC** and client apps.
- ❖ Experience designing and developing a cross-browser responsive website that can be served to desktop, tablets and mobile users using **ReactJS**.
- ❖ Proficient in using **ReactJS components** like **Forms, Events, Keys, Router, Redux-plus, Animations, and Flux** to create interactive UI's using One-way data flow.
- ❖ Significant experience in designing and developing applications using **AngularJS** and expertise in implementing **Angular 5/6/7/11/12** related concepts such as controllers, factory, service, routing, dependency injection, and two-way data binding.
- ❖ Expertise in **ReactJS framework** to develop the cross-browser compatible **Single Page Applications**.
- ❖ Excellent command in **Angular components** like controllers, directives, creating custom services with factory and service methods, resources, Routing, Dependency Injection, Promises, Scopes, Two-way Data binding, filters and handling animated events.
- ❖ Experience in complete **Software Development Life Cycle (SDLC)** includes Analysis, Design, Coding, Testing, Implementation, and Production Support.
- ❖ Expertise in using **JavaScript, Typescript** for accessing and changing the elements of **DOM** dynamically.
- ❖ Highly skilled in cosmetic design elements using **CSS3** like CSS Backgrounds, CSS Layouts, CSS Positioning, CSS Animations, CSS Text, CSS Borders, CSS Margin, and CSS Padding.
- ❖ Expertise in **Responsive Web Design (RWD)** and **Cross Browser Compatibility** using **Bootstrap and CSS3**.
- ❖ Experience in working on CSS preprocessors like **LESS, SCSS and SASS** along with JavaScript task runners like **Grunt/Gulp**
- ❖ Familiar with **Docker and Kubernetes** for application deployment.
- ❖ Experience in creating server-side applications using **MongoDB, ReactJS and Node JS**.
- ❖ Highly familiar with using popular text-editors and IDEs like **Eclipse, Brackets, Sublime Text, Notepad++, Web storm, Microsoft Visual Studio Code**.
- ❖ Strong ability in developing web pages complying with **Web Content Accessibility Guidelines (WCAG)**, adhering to **W3C web standards**.
- ❖ Excellent command in using various **jQuery UI** controls and corresponding event handlers etc.
- ❖ Expertise in using **XML/JSON and AJAX** to link with back-end applications.
- ❖ Experience working in **Agile** development environments and **Test-Driven Development (TDD)** to deliver production-quality web applications.
- ❖ Experienced in source code management/review and branch configuration using **Version Control Systems** like **Git, SVN, and CVS**.
- ❖ Knowledge of **Unit Testing, Integration Testing, E2E testing, User Acceptance Testing (UAT)** and **Accessibility Testing**.

## TECHNICAL SKILLS:

<b>Web Technologies</b>	HTML, HTML5, XML, CSS3, Tailwind CSS, JavaScript, AJAX, Bootstrap CSS
<b>Libraries/Frameworks</b>	JQuery, Next JS, Node.JS, Angular 5/6/7/11/12, React.js, ReactNative Redux, AngularJS, GraphQL , urql ,Springboot
<b>Programming Languages</b>	C, C++, Java, python
<b>GUI Editors</b>	Visual Studio Code, Sublime Text, WebStorm, Notepad++, Adobe Dreamweaver, Eclipse
<b>Version Control</b>	Git, CVS, SVN, SourceTree
<b>Publishing/Debugging Tools</b>	Adobe, MS Office, Chrome Web Debugger, Firebug, Sentry, React Developer tools, Chrome Developer tools
<b>Databases</b>	MySQL, Oracle, MongoDB
<b>Operating Systems</b>	Windows, Linux
<b>Methodologies</b>	Agile, Waterfall
<b>Project Management tools</b>	Jira, Bugzilla, SharePoint, Confluence
<b>Testing tools/Libraries</b>	Jest, Enzyme, Jasmine, Selenium, Lambda Test, Cypress

## PROFESSIONAL EXPERIENCE:

Client: Varo Bank

March 2023 - till date

Role: - Sr. Software Engineer - Frontend

### Roles and Responsibilities

- ❖ Worked on building the entire banking application from traditional platforms to single codebase using **React Native** and **Expo**
- ❖ Developed features and services that work seamlessly on all three platforms (**web, android** and **iOS**) using **Typescript**
- ❖ Integrated various **third-party SDKs** and APIs (e.g., Plaid, Pinwheel, Socure IDV) to enhance application functionality and user features.
- ❖ Implemented state management solutions using **Context API**, reducing application load time and increasing maintainability
- ❖ Developed several important features like **Auth** using **token-based URL** models like magic link deep links, for login, profile change operations and other flows using **RESTful APIs**
- ❖ Implemented application-level routing using **Expo Router** in enhancing the speed, performance of the react native application while adopting strategies like **lazy loading, dynamic pagination** and **asynchronous data fetching**
- ❖ Integrated and built several **third-party APIs** to develop features like mobile check deposit, payments and other money movement features
- ❖ Worked on several features to improve the banking customer experience using ReactJS architecture
- ❖ Built several shared packages using **ReactJS** and **GraphQL** for extensive reusability within and across different application platforms
- ❖ Designed several **webforms, login forms and modals** using **formik** and **bootstrap** forms.

- ❖ Integrated several React libraries like **Redux** state management library in efficiently handling the state of the large-scale application
- ❖ Regularly wrote **Unit tests, Integration tests** using **Jest framework** as a part of test-driven development
- ❖ Wrote and maintained **E2E** test suites using **LambdaTest** for the entire React native applications to **automate app testing** regularly on **mobile** and **web** platforms
- ❖ Implemented data analytics for user flow tracking using **Segment, Amplitude** and built dashboards for monitoring.
- ❖ Integrated **crash** and **alert monitoring** infrastructure using **Sentry** to identify key areas of enhancement.
- ❖ Worked on analyzing, designing and implementing wide interactivity in **Single Page Applications (SPA)** using **ReactJS** library.
- ❖ Extensively worked on developing and building reusable custom functional and class component libraries using **ReactJS**
- ❖ Built several **higher order components** to facilitate reusability, scalability and optimized performance of **authentication** modules and other globally shared modules.
- ❖ Implemented and built the customer facing marketing site using **NextJS** and Contentful management systems like **Contentful**
- ❖ Worked on migrating the user facing site from **dotCMS** content management system to **Contentful** using Contentful APIs
- ❖ Used **Next.js** as a framework in improving scalability and implemented **pre-rendering mechanisms** like **server-side rendering** and **static rendering**
- ❖ Worked on optimization of media and enhancement of other large format content to avoid overall latency
- ❖ Extensively worked on developing and building reusable custom functional and class components using **ReactJS, NextJS** and **Storybook**.
- ❖ Used **styled components** to apply dynamic and reusable styles with react components
- ❖ Worked on **UI design** using **Figma, Chromatic** and white labelled commonly used theme entities
- ❖ Executed and wrote **GraphQL** queries to manipulate and manage data dynamically from the **gRPC API** endpoints
- ❖ Analyzed wide range of user data, graphs and visual representations using **Grafana**
- ❖ Worked on writing **SQL** queries to resolve **API** and dynamic data related issues
- ❖ Designed several **UI mockups** and used accessibility tools like **JAWS screen reader**
- ❖ Created several **Jenkins** Pipelines and fixed various build issues while deployments
- ❖ Used **Docker** and **Kubernetes** for deployments into preview and **production environments**
- ❖ Worked in a cross functional environment to fix bugs and implement sustainable strategies
- ❖ Used **Git, BitBucket** on a daily basis to maintain and version code collaboratively
- ❖ Organized and participated in daily **SCRUM** meetings and various project architecture related meetings

**Environment:** JavaScript, TypeScript, ReactJS, Next.js, React Native, Expo, GraphQL, Node.JS, JSON, Chromatic, Jest, LambdaTest, iOS, android, Agile.

**Client: Formidable Labs ULC**  
**Role: Software Engineer**

**July 2022 – December 2022**

### **Roles and Responsibilities**

- ❖ Implemented strong **React architecture** in commercial application as a part of migration to **ReactJS** from ColdFusion and Vue.js
- ❖ Worked on analyzing, designing and implementing wide interactivity in **Single Page Applications (SPA)** using **ReactJS** library.
- ❖ Extensively worked on developing and building reusable custom functional and class components using **ReactJS** and **Storybook**.
- ❖ Built several shared packages using **ReactJS** and **GraphQL** for extensive reusability within and across different application platforms

- ❖ Designed and implemented several functionally advanced features and integrations using **HTML5, CSS3 and vanilla JavaScript**.
- ❖ Developed type safe and debuggable code using **Typescript** and **ECMAScript6**
- ❖ Performed several **JSON** manipulations using highly efficient functions like map, reduce and filter
- ❖ Used **Next.js** as a framework in improving scalability and implemented **pre-rendering mechanisms** like **server-side rendering** and **static rendering**
- ❖ Used **jQuery** to create custom methods helpful in **DOM manipulation** and **event handling**
- ❖ Implemented asynchronous and self-contained coding algorithms using **AJAX** in retrieving server-side data
- ❖ Integrated several React libraries like **Redux** state management library in efficiently handling the state of the large-scale application
- ❖ Designed several **webforms, login forms and modals** using **formik** and **bootstrap** forms.
- ❖ Integrated various third-party features like payments, navigations, tracking using **GraphQL API**
- ❖ Implemented **Next.js** features such as **Next.js Router** in enhancing the speed, performance of SPAs and adopting strategies like **lazy loading, dynamic pagination and data fetching**
- ❖ Created a custom admin panel using **TypeScript** to enable developer monitoring like time travel etc to validate sensitive functionalities
- ❖ Worked on **server-side applications** using **NodeJS** and built widely reusable theme and styling entities
- ❖ Used **Tailwind CSS** and **styled components** to apply dynamic and reusable styles with react components
- ❖ Executed and wrote **GraphQL** queries to manipulate and manage data dynamically from the **API** endpoints
- ❖ Worked on **UI design** using **Figma** and white labelled commonly used theme entities
- ❖ Built APIs using **Postman** and maintained API utilities in **SwaggerUI**
- ❖ Analyzed wide range of user data, graphs and visual representations using **Grafana**
- ❖ Used Elastic Search to work with unstructured data, log analytics and handle search engine complexity.
- ❖ Worked extensively with **Resource Bundles** to create multi geographic user experiences.
- ❖ Frequently used **BuilderIO** and other **Content Management System(CMS)** tools to facilitate translations, and region specific integrations
- ❖ Regularly wrote **React Unit tests** using **Jest framework** as a part of test driven development
- ❖ Worked on writing **SQL** queries to resolve **API** and dynamic data related issues
- ❖ Designed several **UI mockups** and used accessibility tools like **JAWS screenreader**
- ❖ Created several **Jenkins** Pipelines and fixed various build issues while deployments
- ❖ Used **Docker** and **Kubernetes** for deployments into preview and **production environments**
- ❖ Led various handoff and client delivery meetings on a weekly basis
- ❖ Worked in a cross functional environment to fix bugs and implement sustainable strategies
- ❖ Used **Git, BitBucket** on a daily basis to maintain and version code collaboratively
- ❖ Organized and participated in daily **SCRUM** meetings and various project architecture related meetings

**Environment:** HTML5, CSS3, JavaScript, TypeScript, ReactJS, Next.js, Bootstrap, Node.JS, AJAX, jQuery, JSON, ES6, Jest, Enzyme, API mocker, Jest, Grunt/ Gulp, Agile and Windows.

**Client:** Tangerine Bank, Montreal, QC

**April 2021 - June 2022**

**Role:** Front End Engineer

**Roles and Responsibilities:**

- ❖ Proactively involved in analysis, understanding the client's requirements and application flow, including the framework.
- ❖ Designed and developed the front-end application and user interactive web pages using **HTML5, CSS3 and JavaScript**.
- ❖ Built **Angular 7** components to consume REST services using Component-based architecture provided by **Angular 7**.

- ❖ Designed and coded the website's User Interface (UI) using **JavaScript, Angular, Node.JS, jQuery, HTML5, CSS3 and Bootstrap CSS**.
- ❖ Developed applications in **Angular 6** framework with typescript and used core components and modules from **Ng and Rx** to create complex and robust **UI** pages.
- ❖ Utilized **Angular CLI, Angular 11/12** to develop front-end functionalities.
- ❖ Used **AngularJS** as a framework to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with the server.
- ❖ Used **Bootstrap** components of **Angular-UI** like Carousel, Collapse, Dropdown, pagination and Tabs in the member and provider's module to select different plans, products, and services.
- ❖ Coded **JavaScript** for page functionality and Pop-up Screens and used **HTML5** to make dropdown menus on web pages and display part of a web page upon user request.
- ❖ Implemented **responsive web design** and maintained larger style sheets using **Bootstrap**.
- ❖ Proficient in using **AJAX** for implementing dynamic Web Pages where the content was fetched via **API** calls and updated the **DOM (JSON Parsing)**.
- ❖ Implemented modules into **Node.JS** to integrate the design and requirements.
- ❖ Used **jQuery** validation plug-in to validate various forms and auto-complete plug-in to implement the search criteria based on business requirements.
- ❖ Performed transformations on **JSON** data from server using **ES6** features like map, reduce, entries, object, keys etc.
- ❖ Used **Docker** and **Kubernetes** for deploying the application.
- ❖ Used **AJAX** to update a portion of a web page, thus reducing bandwidth usage and load time and adding modal dialog in web pages to get user input and requests.
- ❖ Followed **agile** methodology and attended daily **SCRUM** meetings to gather technical requirements and enhance the application functionality.
- ❖ Used **Bitbucket** for pull, push, commits and raise pull requests to develop code.
- ❖ Developed **unit testing scripts** using **Chai, Lab, Sinon**, testing the JavaScript code and automating the tasks with **Grunt/Gulp**.
- ❖ Created test cases using **JUnit** and framework **Karma** to test angular components.
- ❖ Performed **Unit testing** on all the front-end **Angular** code using **Jasmine**.
- ❖ Extensively used **JAWS Screen Reader** for **Web Accessibility Testing**.
- ❖ Performed a thorough **unit testing** and resolved several data-related issues before migration to production using **JUnit** and version control through **Git**.
- ❖ Optimized **Ext.js** themes and prepared performance applications.
- ❖ Worked with **unit testing** of **JavaScript** applications using **Karma, Jasmine, API mocker, Jest, enzyme**.
- ❖ Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform Compatibility, hence developing a production-level code
- ❖ Used **Microsoft Azure** for storage, networking, and analytics of the applications.
- ❖ Actively participated in daily status meetings and created robust reports communicating effectively with project manager and developers.

**Environment:** HTML5, CSS3, JavaScript, Angular 12/11/7/6/5, Angular CLI, TypeScript, Bootstrap, Node.JS, Responsive Web Design, AJAX, jQuery, JSON, ES6, JUnit, Karma, Chai, Lab, Sinon, Jasmine, API mocker, Jest, Grunt/ Gulp, Agile and Windows.

**Client:** PWC, Toronto  
**Role:** Front End Developer

**Jan 2020 - March 2021**

**Roles and Responsibilities:**

- ❖ Worked on responsive design and developed cross-platform responsive websites that could be served to desktop, tablets and mobile users using **React JS**.

- ❖ Built user interfaces differently by breaking them into components using **React JS** and using a real, full-featured programming language to render views with **React JS**.
- ❖ Implemented a variety of **client-side Interfaces** using **React JS**.
- ❖ Responsibly implemented **UI mockups, integrating third-party React libraries** and handled/created Redux store data.
- ❖ Developed User Interfaces using **React JS, HTML5, CSS/CSS3(SAAS), Bootstrap 4.0, Redux, MongoDB**.
- ❖ Implemented various screens for the front end using **React.js** and used various predefined components from **Node Package Manager (NPM)** and **Redux** library.
- ❖ Developed **React/Redux code** using functional programming best practices to enable efficient pure function testing.
- ❖ Worked using **React.js Router, Forms, Animations, Keys, components, Events and Flux concept**.
- ❖ Designed and developed various **front-end reusable components** using **ReactJS** with **Redux** as a state management library.
- ❖ Responsible for **React UI** and architecture, including Tree, Building components library, Table Grid and Slide-View.
- ❖ Used **ReactJS** to create **Controllers to handle events triggered by clients** and send requests to the server.
- ❖ Used **React JS** for templating for **faster compilation** and **developing reusable components**.
- ❖ Implemented **React container and presentational components** (as Stateless and Functional components).
- ❖ Implemented stable **React components** and stand-alone functions to be added to any future pages.
- ❖ Used **ReactJS** to create views to hook up models to the DOM and synchronize data with the server as a **Single Page Application (SPA)**
- ❖ Involved in designing, developing, and testing the web application by using the **HTML5, CSS3, Bootstrap, and ReactJS**
- ❖ Developed the **Single Page Application (SPA)** using **ReactJS, Redux**.
- ❖ Involved in building stable **React components** and stand-alone functions to be added to any future pages.
- ❖ Used **ReactJS** for passing data between components. Used Prop for a parent to child, Used Callback, and states for a child to parent transfer and between child to the child used both props, callback, and conditions.
- ❖ Used jQuery to traverse through a DOM tree, including node manipulation, and implemented the Drag and Drop functionality using the **jQuery framework**
- ❖ Used React-Router to turn the application into Single Page Application
- ❖ Implemented viewport by **ECMAScript 6/ES6 with React framework**, designed web pages by **React-Bootstrap, SCSS** and controlled application state using **Redux**.
- ❖ Developed mock-ups and prototypes using HTML5 and CSS3 and used **Babel** web pack.
- ❖ Used **Microsoft Azure** for migration of several services related to the application.
- ❖ Used **BitBucket** for pull, push, commits and raise pull requests to develop code.

**Environment:** React JS, Redux core, HTML5, CSS, Bootstrap, MongoDB, Redux library, SPA, React Router, ECMA script 6, Windows.

**Client:** Majesco Software and Solutions India Pvt. Ltd, India

**June 2018 – Dec 2019**

**Role:** UI Developer

**Roles and Responsibilities:**

- ❖ Designed and developed various **Web forms** using **HTML, CSS, JavaScript and React.js**.
- ❖ Developed standard **CSS classes** for the user interface using **CSS and CSS3**.
- ❖ Produced content pages with **CSS** layout and style markup presentations and used **JavaScript**
- ❖ Designed CSS-based page layouts that are cross-browser compatible and standards-compliant.
- ❖ Implemented various screens for the front end using **React.JS** and used various predefined components from NPM (Node Package Manager) and **redux library**.

- ❖ Integrated **React Redux** framework to scale and maintain the application better while handling large amounts of data. I was involved in designing the user experience interface **UI/UX** strategy and UI requirements, converting findings into UI designs.
- ❖ Created web forms for uploading multiple files to share point document library
- ❖ Used react-router module to develop Single Page Applications using **React**.
- ❖ Worked with **Node.js** for the creation of robust and secure **REST APIs**.
- ❖ Designed **RWD Web pages**, suitable for **mobiles, tablets, and PCs** utilizing frameworks like bootstrap and **CSS media queries**.
- ❖ Worked with **JSON** responses, parsing the same and presenting on the **UI** layer.
- ❖ Used **JQuery** core library functions for the logical implementation part on the client-side for all the applications.
- ❖ Defined the site layout and developed Wireframes using **Adobe Illustrator**
- ❖ Used adobe Dreamweaver for writing various web pages of the application and debugging the code using browser tools like **Firebug**
- ❖ Built components library, including Tree, Slide-View, and Table Grid.
- ❖ Delivered the best design aesthetics under tight deadlines while effectively managing trade-offs between business needs and portal user interface.

**Environment:** HTML5, CSS3, JavaScript, React.js, Redux, Node.js, Responsive Web Design, AJAX, JQuery, JSON, and Windows.