**Syed Tajudheen**

**847-863-4526**

**[syedtajudheen24@gmail.com](mailto:syedtajudheen24@gmail.com)**

**Full-Stack Developer­**

**Professional Summary:**

* A results-driven Full-Stack Developer with 8 years of experience leading and optimizing web and mobile applications, using **React.js, Next.js, Redux Node.js, Javascript, TypeScript, React Native, AngularJS, and GraphQL.**
* Expertise in micro-frontend architecture (MFE), server-side rendering (SSR), and state management, delivering high-performance, user-centric applications.
* Skilled in **CSS-in-JS** libraries such as **Styled Components**, **Emotion.js**, and **Tailwind CSS** for scalable, responsive UI designs.
* Experienced in **state management** with **Redux** and **React Context**, ensuring efficient data flow and performance optimization.
* Proficient in building **RESTful APIs** and integrating with **GraphQL** for efficient data fetching.
* Hands-on experience with **Node.js** and **Express.js** to build high-performance backend services and server-side applications.
* Good knowledge of **PostgreSQL**, **MongoDB**, and **MySQL** for database design and management.
* Experienced in optimizing performance and reducing re-renders using **React** hooks, **memoization**, and **lazy loading** techniques.
* Proficient in **unit testing** with **Jest**, **Enzyme**, and **React Testing Library** to ensure code quality and reliability.
* Strong experience in implementing **JWT** and **OAuth** for secure authentication and authorization mechanisms.
* Experienced in managing **CI/CD pipelines** using **Jenkins**, **Azure Pipelines**, and **GitHub Actions** to accelerate development and deployment.
* Skilled in version control with **Git**, **Bitbucket**, **GitHub**, and **Azure Repos** for efficient collaboration and code management.
* Experience with **AWS** services for cloud integration and deployment, ensuring high availability and scalability.
* Proficient in building and maintaining high-traffic websites and optimizing them for performance and SEO.
* Excellent problem-solving and debugging skills, ensuring high-quality, efficient, and maintainable code.

**Technical Skills:**

**Frontend Development:** React.js, Next.js, React Native, Redux, Angular, JavaScript (ES6+), TypeScript

**State Management:**  Redux, Redux Saga, Redux Thunk, Redux Toolkit, Context API

**Backend Development:** Node.js, Express.js, REST API, GraphQL, Apollo Server, WebSockets

**Micro Frontend & Architecture:** Webpack Module Federation, Single-SPA, Monorepo

**UI & Styling:** CSS3, Sass, SCSS, Tailwind CSS, Styled-components, Emotion.js, Bootstrap, Fluent UI

**Performance Optimization:** Lazy Loading, Code Splitting, React.memo, useCallback, useMemo,

Webpack Optimization, Virtualization (React-Window, React-Virtualized)

**Testing & QA:** Jest, Enzyme, React Testing Library, SonarQube

**Database:** MySQL, PostgreSQL, MongoDB

**CI/CD:** Azure Pipelines, Jenkins, GitHub Actions

**Security:** OAuth, JWT, Secure Coding Best Practices

**Version Control:** Git, Bitbucket, GitHub, Azure Repos

**Build & Tooling:** Webpack, Babel, Vite

**Development Tools & IDEs:** Visual Studio Code, WebStorm, Figma, Postman

**Professional Experience:**

**Standard Chartered Bank Feb 2022 – March 2025**

**Development Lead**

**Project:** Straight2Bank

**Description:** Straight2Bank is a comprehensive digital banking platform designed for corporates and institutional clients to streamline cash management, trade finance, foreign exchange, and securities services.

**Responsibilities:**

* Developed and maintained critical modules, including **Lending** and **Quick Invoice**, within the **Straight2Bank** platform using **React.js, Redux, Context API, Typescript, GraphQL, and Jest**.
* Built **scalable** **and** **maintainable** front-end architectures with a focus on performance **optimization**.
* Integrated **Micro Frontends (MFE)** using Webpack’s Module Federation to enable **modular and independent deployments** within the application.
* Contributed to the **internal UI component library system** using a **monorepo**, developing reusable and accessible components to ensure consistent design and improved development efficiency.
* **Created a mock proxy server using Node.js and Express.js** to simulate backend API responses for **frontend testing** and **development** in environments without real backend access.
* *Optimized React rendering and state management, reducing load times by* ***25%*** *and improving user engagement by* ***15%****.*
* Collaborated with **product owners, business analysts, and agile teams** to deliver new features and resolve bugs.
* Developed **Single Page Applications (SPA)** using **React.js, Redux, React-Router**, ensuring a smooth user experience.
* Designed and developed **responsive, cross-browser UI** using **HTML5, CSS3, Bootstrap, JavaScript**, **TailwindCSS**, and **styled-components** for a more **modular and reusable approach** to styling.
* Applied **optimization techniques** (lazy loading, code splitting, memoization) to **reduce page size & improve load times**.
* Created **custom React hooks** to promote **code reusability & modular development**.
* Integrated **AG-Grid’s editable feature** for **advanced data handling**.
* Implemented **drag-and-drop functionality** using **React-Draggable** for enhanced **user interactions**.
* Used **Redux Thunk / Redux Saga** for managing **asynchronous API calls & side effects**.
* Designed **CSS templates** for use in all pages on the website working with **CSS Background, positioning, text, border, margin, padding,**and**table.**
* *Developed and maintained* ***RESTful & GraphQL APIs****, reducing API response time by 5****0%****, improving data-fetching efficiency.*
* Optimized **animations & UI rendering**, improving overall application responsiveness.
* **Debugged & optimized API calls**, reducing **latency and unnecessary network requests**.
* Utilized **SonarQube** to perform static code analysis, ensuring code quality and maintaining best practices across the codebase
* Utilized **Azure DevOps** for version control and collaborated with teams efficiently.
* Wrote **unit tests** using **Jest, Enzyme, and React Testing Library** to ensure **high code quality.**
* Used **middleware & state management techniques** for handling **data flow & UI updates**.
* Collaborated with **cross-functional teams** (backend engineers, QA, Scrum Masters) to **resolve issues & implement features**.
* Tracked tasks and managed sprints using **JIRA & Azure Board**, ensuring efficient project execution.
* Provided **technical mentorship** to **offshore teams**, ensuring **best coding practices & efficient issue resolution**.
* Conducted **System Testing** and **Regression Testing** on the **complete UI** to ensure that fixes addressed issues without introducing new bugs.

**Environment**: HTML5, CSS3, Typescript, JavaScript, React JS, Redux, TailwindCSS, styled-components, Jest, Enzyme, React Testing Library(RTL), Node.js, Express.js, MySQL, Restful API, GraphQL**,** JIRA, Git, JIRA, Azure, SonarQube, Figma, Visual studio code.

**Client: Lexis Nexis, UK Apr 2020 - Feb 2022**

**Senior UI Developer  
Project:** Lexis Create

**Description:** Led the development of a legal document creation tool within the Microsoft environment, integrating various legal content, tools, and calculators to streamline the document creation process for legal professionals

**Responsibilities:**

* Designed and implemented web application using **HTML5, CSS3, JavaScript, SASS, SCSS**, **React.js, Redux, and Redux-Saga** to ensure a responsive and interactive user interface.
* Integrated **Office.js** to extend Microsoft Office functionalities within the application.
* Utilized **Web Workers** to execute the **rules engine** asynchronously, improving application performance and responsiveness.
* Styled the **UI components** and ensured the look and feel of web pages by utilizing **SASS**, **SCSS** extending CSS with dynamic behaviors such as variables, mixins, operations, and functions.
* Leveraged React.js and component-based architecture to optimize rendering performance and enhance application responsiveness.
* Worked in an **Agile (Scrum)** team, delivering regular updates to business stakeholders and project managers.
* Built reusable **React components** and implemented **custom hooks** for better maintainability
* Implemented **internationalization (i18n)** using **React i18n** to support multiple languages and ensure global accessibility.
* Handled secure data management by implementing **hashing and encryption** of rule datasets using the **SHA algorithm**.
* Configured **Webpack** to streamline build processes, including tree shaking, pre/post-processors, code minification and optimizing development efficiency.
* Developed and integrated **RESTful web services** to facilitate communication between the **server-side and client-side**.
* Wrote and maintained unit tests using the **JEST** framework to ensure high-quality, bug-free code.
* Generated dynamic **DOCX reports** using **docx.js** on the client side, automating document generation for legal document.
* Participated in the complete **SDLC**, including **requirement analysis**, **development**, **system testing**, and **integration testing**.
* Resolved **cross-browser/platform compatibility issues** across **IE, Safari** and chromium engine on **Windows** environments.
* Coordinated with **offshore teams**, providing **functional and technical knowledge** and tracking project status to ensure timely deliveries.

**Environment:**HTML5, CSS3, SASS, SCSS, JavaScript, TypeScript, React JS, Redux, Redux Saga, Microsoft’s Fluent UI, Visual Studio Code, MS Office, Office.js, Jest, SonarQube, Webpack, GitHub, Jenkins and Azure.

**Client: Robert Koch Institute(RKI),** Berlin, Germany **Jul 2019 – Mar 2020**

**Full-Stack Developer**

**Project:** Knowledge Sharing Platform

**Description:** Developed a platform enabling German institutions and partners in international health protection to share information, strengthening global response capabilities. Provided updates on events, projects, operations, and network activities while ensuring a scalable and secure architecture.

**Responsibilities:**

* Designed and developed a **server-rendered React application** using **Next.js**, improving **SEO** and **performance**.
* Built **scalable and reusable React components**, implementing **custom hooks** for modularity and maintainability.
* Utilized **Redux** for global state management, ensuring efficient **data flow** and **single-directional state updates**.
* Implemented **Redux-Thunk** for handling **asynchronous actions** and **API calls** efficiently.
* Developed **RESTful APIs** and backend services using **Node.js** and **Express.js**, ensuring high-performance communication between frontend and backend.
* Integrated **MongoDB** as the database, optimizing queries and ensuring **efficient data storage**.
* Implemented secure authentication and authorization using **JWT (JSON Web Token)** to ensure safe user management and access control.
* Optimized **Webpack configurations** to enhance build performance, minimize bundle size, and improve page load times.
* Developed **controllers** using **Node.js** and **React.js** to handle **client-triggered events** and manage **server requests**.
* Ensured **cross-browser compatibility** and built a responsive UI with **CSS3, styled-components and Next.js**.
* Followed **Agile methodology**, collaborating with **cross-functional teams** in sprint planning, development, and testing cycles.
* Developed and executed **unit tests** using **Jest**, ensuring robust test coverage and code reliability.
* Used **Git and Bitbucket** for **version control**, managing code repositories and collaboration.
* Worked with **AWS** services for cloud integration and deployment of both frontend and backend services

**Environment:** React.js, Next.js, Node.js, Redux, MongoDB, Express.js, Webpack, JWT, Jest, HTML, CSS, AWS, Agile, RESTful APIs, GIT, Github.

**Client: World Health Organization, India Nov 2017 – Jul 2019**

**React Native Developer**

**Description:** Developed cross-platform mobile applications for disease monitoring, reporting, and outbreak management to support global health initiatives. These apps enabled health professionals and organizations to track, report, and manage critical disease-related data efficiently. The applications supported offline functionality, multilingual features, and real-time synchronization with backend services, ensuring accessibility in remote areas with limited internet connectivity.

**Responsibilities:**

* Developed **cross-platform mobile applications** for **iOS and Android** using **React Native**, ensuring a seamless user experience.
* Implemented **state management** using **Redux** to efficiently track and synchronize **global preferences** and **node data versions**.
* Integrated **Redux-Saga middleware** to handle **asynchronous tasks**, improving data flow and API request management.
* **Optimized API response handling** by implementing **debounce and throttle** effects using **takeLatest** and **takeEvery**.
* **Developed offline-first capabilities** by synchronizing local storage and implementing **automatic data fetching** upon version changes.
* **Enabled multilingual support** by integrating **dynamic content translation** based on user preferences.
* Implemented **error handling mechanisms**, including **try-catch blocks** and **retry logic** for failed network requests.
* Designed and optimized UI layouts and navigation, collaborating with designers and stakeholders to enhance UX.
* Created and managed **SQLite databases** for **offline data storage** and synchronization.
* Developed **API integrations** using **Axios** to enable seamless data retrieval and updates.
* Utilized **AWS S3** for dynamic content management, enabling remote file access and storage.
* Skilled in debugging dependency conflicts, optimizing performance, and resolving React Native-specific challenges.
* Cooperated with team members to conduct user research with strong communication, analytical and interpersonal skills.
* Developed services to retrieve data via asynchronous API calls using modern JavaScript (e.g., Fetch API or Axios)

**Live Apps:** [Malaria Toolkit on Play Store](https://play.google.com/store/apps/details?id=uk.co.adappt.adapptlabs.who.malaria&utm_source=na_Med), [GTFCC Cholera on Play Store](https://play.google.com/store/apps/details?id=com.cholera), [TB Report on Play Store](https://play.google.com/store/apps/details?id=com.whotbksp), [WHO Road Safety](https://play.google.com/store/apps/details?id=uk.co.adappt.whoroadsafety&hl=en_US)

**Environment:** JavaScript, React Native, Redux, Redux Saga, Redux Thunk, JSON, SQLite, AWS S3.