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| **MEGHA MADHUSUDAN****Sr React JS Lead Developer**LinkedIn: <https://www.linkedin.com/in/megha-m9> | MOBILE: +1 (469) 714-3175EMAIL: megha.m8909@gmail.com |

**SUMMARY**

Experienced and innovative Lead UI React Developer with 12 years of proficiency in development for cloud hosted SAAS (Software as a service) products for multinational companies. Proven ability in guiding cross-functional teams to deliver cutting-edge web applications and achieve outstanding user experiences. Skilled at developing robust, scalable, and maintainable code, utilizing React.js and contemporary web technologies to design dynamic and visually impressive interfaces.

**TECHNICAL SKILLS**

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| **Programming Languages** | JavaScript (ES6+), TypeScript |
| **Front-end Technologies** | React, React Hooks, Redux, Vue.js, HTML5, jQuery, AJAX, JSON, NPM |
| **Build Tools** | Webpack |
| **Styling** | Sass, Less, CSS3, Bootstrap, Flex |
| **Version Control** | Git, GitHub, SVN |
| **Database** | SQL, MySQL, PostgreSQL |
| **Cloud Platforms** | AWS |
| **Methodologies** | Agile/Scrum, SAFe |
| **BI Platforms** | Apache Superset, Power BI |

**PROFESSIONAL SUMMARY**

* Experienced in designing and developing complex web applications using ReactJS, Redux, and used various predefined components from NPM and Redux library.
* Proficient in developing highly interactive, responsive, and scalable UI components using HTML5, CSS3, and JavaScript.
* Constructed high-quality web applications, refining and upholding an existing MVC codebase. Created TypeScript code for diverse UI functionalities and views.
* Worked on customizing the BI tool - Apache Superset and built various charts like Kendo, e-charts, NVD3 for healthcare data visualization and analysis using React, Redux, Typescript and ES6 features.
* Worked on SQL concepts to validate data from multiple data sources onto the BI Platform to build data visualizations.
* Worked on React JS on the front-end styled components using SCSS, LESS and Material UI.
* Developed Single Pages Application using HTML, CSS3, Bootstrap, React Async Await, React Hooks, Redux, LESS.
* Implemented HTML5 features like semantics, local storage, session storage and sliders.
* Used CSS3, Bootstrap for designing web pages to get responsive designs.
* Developed charts, dashboards that leverage data from disparate data sources using e-charts, NVD3 Charts.
* Used Redux-Thunk as middleware to manipulate the data type and handle multiple actions.
* Unit tested front-end React JS code using Jest and Enzyme.
* Developed mockup pages using React.JS, used Babel as the transpiler for converting ES6 to ES5.
* Performing data management projects and fulfilling ad-hoc requests according to user specifications by utilizing data management software programs and tools like Excel and SQL.
* Expertise in building reusable and modular React components to enhance application performance, maintainability, and scalability. Strong problem-solving skills and ability to work collaboratively in a team-oriented environment.
* Excellent communication and interpersonal skills, ability to work with stakeholders, clients, and cross-functional teams.
* Experience in leading and mentoring junior developers and contributing to the development and implementation of team-wide standards and best practices.
* Proven track record of delivering high-quality React applications on time and within budget and working with clients and stakeholders to understand their requirements and provide effective solutions.
* Familiarity with server-side rendering and hybrid rendering techniques, and experience in implementing them in React applications.

**WORK EXPERIENCES**

**Optum Healthcare, Minnesota, USA**

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| **Sr React JS Lead Developer** | **October 2021 – September 2023** |

**Project Description:**

Apache Superset is a modern data exploration and visualization tool. By customizing features of Apache’s Superset platform, data can be explored in various data visualizations through interactive dashboards. Apache Superset is an easy-to-use Business Intelligence tool that collects and processes data in large volumes to produce visualized results like charts and graphs.

**Responsibilities:**

* Working as subject matter expert (SME) for the collating sensitive healthcare data using Apache Superset BI platform.
* Developed high performing, scalable and secure features in the Superset application.
* Integrated and customized various charting and visualization libraries such as Kendo, e-charts, NVD3 charts and Superset native charts.
* Designed and developed UI components and interfaces using JavaScript, React, Redux, HTML, CSS, and LESS.
* Worked on latest features of ES6, ES7 by using arrow functions and asynchronous functionalities.
* Created functional components using React Hooks.
* Developed state management using Redux architecture and integrated using React hooks to retrieve the data.
* Implemented new front-end features using TypeScript/JavaScript and integrated RESTful APIs.
* Involved in all phases of planning as requirement gathering, feature analysis with design and architecture.
* Understanding and implementing web applications with security standards.
* Collaborate with stakeholders and engineering team to design and customize the features on the analytics platform.
* Handled production deployments, provided post-implementation support, and facilitated the transition to BAU (Business as Usual) team.
* Collaborated with development and cross-functional teams to design and launch new features.
* Collaborated with UX designers to translate UX designs into visual elements.
* Engaged in pair programming, code reviews, and code refactoring for improved maintainability.
* Provide clear and concise instructions to development teams.
* Adhered to the agile software development process, actively participating in scrum meetings for incremental product development.
* Worked with SRE team to help in automated, configured, and deployed instances in AWS with familiarity in EC2, CloudWatch, CloudFormation, and AWS security group management.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of react js applications.
* Experienced in Git version control and implementing and managing CI/CD pipelines.

**Harman Connected Services, Bangalore, India**

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|  **Lead React JS UI Developer** | **January 2021 – October 2021** |

 **Project Description**:

Smart City Suite Platform aggregates information from traffic, environment, parking, emergency services and other applications in a unified view. With access to the Internet of Things (IoT) and smart cities platform it integrates information from various systems across a city.

The platform provides a more holistic and near real-time view of what is happening in a city and better equips it to continuously monitor critical alarms and operate a variety of city services, such as dispatch for emergencies, traffic, and parking management. It also aims to increase collaboration and transparency among administrators, citizens, and other stakeholders.

**Responsibilities:**

* + Develop a web-optimized platform using React, React-Hooks, React Router, Redux, Redux-Saga, Typescript, ES6 features.
	+ Extensively used React in rendering data on the UI pages and Redux to store data from multiple API endpoints.
	+ Worked on Semantic UI for designing charts, icons etc. on the UI.
	+ Worked on testing frameworks such as Jest and Enzyme.
	+ Developed a single-page application utilizing React.JS, Redux, HTML, Nodejs, and SASS/LESS.
	+ Utilized Redux for efficient state management through Actions, Dispatchers, Providers, and Store.
	+ Optimized the performance of React-based web applications using techniques such as code splitting, lazy loading, and server-side rendering to reduce page load times and improve user experience.
	+ Managed the deployment and release process of React-based web applications using tools such as Docker, Jenkins, and AWS to ensure that changes are deployed quickly and reliably.
	+ Executed the creation of diverse front-end screens using React.js, harnessing a repertoire of predefined components from NPM and Redux.
	+ Used Babel to transpire ES6 code into ES5 for broad browser compatibility.
	+ Implemented new front-end features using TypeScript/JavaScript and integrated RESTful APIs.
	+ Implemented Test-Driven Development (TDD) for unit testing and worked with Jest frameworks.
	+ Managed the application’s test case coverages by using husky.
	+ Deployed tools like Webpack, Yarn to execute tasks such as bundling, magnification, compilation, and ES Lint-driven code cleaning.
	+ Implemented Npm and Webpack setups for streamlined processes such as linting, Git commit hooks, and environment management.
	+ Collaborated with cross-functional teams, including UX designers, product managers, and back-end developers, to deliver high-quality web applications that met business requirements and user needs.
	+ Optimized React-based web applications for performance and scalability by implementing best practices, testing, and code reviews.
	+ Developed and maintained coding standards, documentation, and best practices to ensure code quality, maintainability, and consistency across the team.

**IQVIA, Bangalore, India**

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|  **Sr. UI React JS Developer** | **August 2016 – January 2021** |

**Project Description**:

Closed Loop Marketing (CLM) is a SAAS platform which provides multichannel, remote, and face-to-face customer engagement strategies. It helps Life Sciences clients inform personalized customer engagements with advanced segmentation capabilities and a collaborative workspace. By using the products of IQVIA, Life Sciences clients can market their products to their targeted customers and capture customer feedback. It provides Clinical trials and advanced data analytics services.

 **Responsibilities:**

* + Worked as SME for the company’s healthcare business intelligence platforms such as Mobile Intelligence, OCE and Kadrige.
	+ Retrieved the sensitive data from multiple data stores on to the platform and customized as per the requirements.
	+ Worked closely with many Life - sciences and Pharma companies to gather data and retrieve it on our healthcare platforms.
	+ Develop web pages using HTML5, CSS3, JavaScript, TypeScript, jQuery, Bootstrap, React JS, React, Router, React-Redux, React Hooks.
	+ Led the architectural design and development of enterprise-grade applications React, JavaScript, jQuery, CSS, HTML.
	+ Initiated the creation of a front-end application using React JS and the robust REDUX architecture to elevate the internal team's productivity. Leveraged Redux within React.JS to efficiently manage extensive datasets, optimizing performance.
	+ Extensively used CSS3 integrated with Responsive Web Design to apply layout styles for varying screen sizes and pixels.
	+ Integrated React.js library functions for logical client-side implementation across the entire application. Orchestrated interaction between client-side and server-side technologies using web scripting languages like Node.js and Yarn.
	+ Conducting Product Functional and Technical training to the Clients who are subscribed to the Healthcare products.
	+ Shouldered responsibilities encompassing module estimation, agile-driven development, and collaborative pair programming.

 **Achievements**

* + Best Performer (Above & Beyond) – Successfully resolved a high priority issue of one of our largest customers by integrating with multiple teams.
	+ Received multiple Appreciation mails from the Onsite Affiliates, Customers, and the Manager for resolving many priority issues in a short period of time.
	+ Received good feedback from the subscribed clients for Product training.

 **TATA CONSULTANCY SERVICES, Bangalore, India**

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|  **Front End UI Developer** | **July 2011 – August 2016** |

**Project Description**:

Cisco WebEx 11 is an e-commerce site for buying and managing WebEx products of Cisco Systems, Inc, India. WebEx11 provides on-demand collaboration, online meetings, web conferencing and video-conferencing applications.

Cisco – Samsung- Samsung project involves preloading the WebEx Meetings App on Samsung business tablets and will provide an exclusive offer to Samsung customers. This exclusive offer will give customers free access to Meetings for 6 months.

**Responsibilities**:

* Develop a web-optimized Tablet experience using features of HTML, CSS, HTML5, CSS3, and Bootstrap.
* UI designing, creating rich, responsive display and editor user interfaces with a clean underlying data model using Angular Js.
* Worked on Responsive web page design for Desktop, Tab and Mobile version using CSS3 and Bootstrap.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML. Development of individual modules and localization extensively on UI.
* Developed web applications by utilizing programming languages such as JavaScript, HTML, CSS, and AJAX.
* Created reusable templates using HTML, CSS, JavaScript, jQuery, and handlebars.
* Enhanced web pages for greater user interactivity, incorporating jQuery, Drag and Drop plugins, JSON, JavaScript, and Bootstrap.
* Employed Ajax and jQuery methods to retrieve data from JSON files, effectively populating claims data onto HTML elements.
* Used Bootstrap to render grid system and run media queries to make the web portal responsive according to the size of the device.
* Worked on CSS3 and SCSS elements to create pixel perfect html pages and making sure all the pages are responsive on all the supported devices.
* Used Ajax, JSON with jQuery for request data and response processing.
* Worked on media queries for different layouts of screen, print, mobile phone, tablets to design responsive web pages.
* Crafted Use Cases using UML and managed the entire lifecycle of functional requirements, following the Agile methodology.
* Worked in line with business analysts and product owners to identify correct keys, used agile methodology for software development.
* Used JIRA to track progress of development and HP ALM for defects management.

**Project Description**:

Apple GCRM Support app is your personalized guide to the best options from Apple. Find answers with articles tailored to your products and questions. Call, chat, or email with an expert right away, or schedule a call back when it's convenient.

**Responsibilities:**

* Develop a web-optimized Mobile, iPad experience using features of HTML 5 and CSS3. Development of HTML and JavaScript for UI development.
* Implemented AJAX framework for asynchronous data transfer between the browser and the server.
* Converted data from database into JSON or XML format files and retrieve useful information using AJAX calls to display them on the browser.
* Extensively used jQuery UI for screen design and development.
* Extensively used/modified jQuery to perform AJAX calls for creating interactive web pages on JSON response.
* Quickly prototyped interface design and developed in hand-coded validating, standards-compliant and be aware of the cross-browser compatibility and bugs.
* Worked with designer who designed user interfaces and prototypes for a web-based internal system.
* Knowledgeable of human factors and usability and the best practice design for web development
* Deep development of JavaScript and jQuery framework.
* Enhanced Web Chat to support mobile devices, which targets at providing superior user experience in mobile optimized pages.
* Involved in Coding, Testing phases of Software Development Life Cycle in both Waterfall and agile.
* Used JIRA to track progress of development and HP ALM for defects management.

**EDUCATION**

**Bachelor of Technology** in Telecommunication Engineering in 2011