

Aravind R

Frontend-UI / Full-stack Developer (MEAN/MERN Stack)

React | Angular | JavaScript | Node | MongoDB | Express | AWS | Azure

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Professional Summary:

- Over 12+ years of experience as a Front-end web developer in **developing and designing the user interfaces** of applications using **HTML/HTML5, CSS/CSS3, XHTML, XML, JavaScript, TypeScript, PHP, jQuery, JSON, AJAX, GraphQL, React JS, Redux, MobX, Angular, Angular JS, Vue JS, Next JS** and **NodeJS**.
- **Experience** in an **MVC-driven** approach to building applications
- Experience in **ReactJS components, Forms, Events, Keys, Router, Redux, MobX Animations, and Flux**
- Transitioned the existing class-based components to **functional components** for state management and replaced them with new react hooks like **useState, useEffect, useReducer, and useRef**.
- Experience in **React JS** for creating interactive **UI** using **One-way data flow, Virtual DOM, and JSX**
- Used **SASS, Inline JSX styles, CSS, Styled Components, Styles-JSX, Material-UI, Grommet, and Bootstrap**
- Expertise in creating **customizable components** for the new website using frameworks like **Angular** and libraries such as **React JS** to create a single-page web application (**SPA**)
- Experience with **Angular** using **TypeScript** as a primary language with the support of **ES6** standardization
- Experience in working with **RESTful** Web Services and implementing **RESTful APIs**
- Used **Object Oriented Programming** concepts to develop **UI components** to be reused across Web App
- Developed dynamic web applications using **React, JavaScript (ES6), and PHP**, resulting in a 30% increase in user engagement and satisfaction.
- Integrated **PHP** with **JavaScript** frameworks (e.g., **jQuery, React**) to create interactive and dynamic UI
- Implemented **AJAX** functionality using **PHP** to improve application responsiveness and user interactivity.
- Experience working with **Redux Saga** along with **Redux Thunk** to handle asynchronous calls efficiently
- Developed robust form management system with **CRUD** capabilities in **Redux** and **React JS**
- Expertise in developing Responsive web design (**RWD**) applications with client scripting language and server scripting languages like **NodeJS** and **React JS**
- Experience building an isomorphic application using **React JS** and **Redux** with **GraphQL** on the server side.
- Designed and developed Commercial Business Portal using **Angular 14/15/16/18** along with **HTML5, CSS3, JavaScript, jQuery, Bootstrap, and TypeScript**
- Implemented **i18n internationalization and localization** in **Angular** for support in languages across various cultural and linguistic markets to enhance the usability and accessibility
- Experience in **Next JS** framework to create **high-performance** and **SEO-friendly** websites.
- Proficient in leveraging **Next JS** features such as server-side rendering (**SSR**), static site generation (**SSG**), and API routes to create dynamic and interactive user experiences
- Excellent experience in developing web pages complying with **Web Content Accessibility Guidelines (WCAG 2.0)** and the ability to apply **W3C web standards**
- Implemented the **WCAG 2.0** and **2.1** standards of Accessibility and **ADA** for increasing front-end compliance
- Used **performance-tuning** techniques to optimize code for faster load times and enhanced user experiences
- Experience in **CSS** preprocessor **LESS** and **SASS** for dynamic styling. Developed **HTML** templates and performed client-side Validation using **JavaScript**. Developed the rich UI components in **Optimizely**
- Experience working on various **UI Charting tools** such as **High Charts, PrimeNG, JQplot, PrimeReact Recharts, and FusionCharts**. Developed **UI reporting and Data Visualization** using **Ngx-chart.js** and **D3.js**
- Developed various **Angular** components using **RXJS, Kendo** components, Dev-Extreme grids, **ngx-web-worker, ngx-cookie-service, ngrx-store**, and other libraries to stream real-time Data onto the **UI Grids**
- Used **VueX** as state management for **Vue JS** application and slots to implement content distribution
- Experienced building complex Single page applications (**SPA**) using **Vue JS** components with **Backbone Marionette** wrappers for **Routing**. Manipulated **DOM**, handled events, applied animation effects with **Vue Js**
- Developed dynamic, responsive Web Application by integrating **Angular 8/9** with **Bootstrap**, further integrated with Web Services and **Vue Js**.
- Experience working on high-level build tools like **Grunt** and **Gulp** for task runner
- Installed, configured, and maintained **MySQL** databases, ensuring high availability and performance.

- Experience developing unit testing scripts using **Jest, Enzyme, Cypress, and React test renderer**
- Worked on unit testing for the **Angular** application using **Jasmine** and **Karma**
- Performed UX audit and **A/B testing** after feedback updates on every screen.
- Familiar with tools: Package Managers (**NPM/Bower**) and Atlassian tools (**Confluence, JIRA, and Stash**)
- Developed UI based on mockups provided by UX designers using tools such as **Adobe XD** and **Figma**
- Used tools like **Git** for version controlling, Chrome developer tools for Debugging, and **Jenkins** for deploying
- Experience working with **Azure** Active Directory (**AAD**) and managing users and groups.
- Implemented Micro Frontend (**MFE**) architecture for scalability, maintainability, and development speed.
- Integrated UI **microservices** into **CI/CD** pipelines using **Jenkins, GitLab CI, or Azure DevOps** and with backend API for managing communication between UI microservices and backend RESTful APIs and GraphQL.
- Collaborated with backend developers to define and refine **GraphQL** schemas to ensure optimal data modeling
- Experience using **CI/CD** tools **Jenkins, Git/GitLab, Jira, and Docker** registry/daemon for configuration management and automation using **Ansible**
- Involved in Software Development Life Cycle (**SDLC**) detail-level designing, development, test planning, execution, and deployment

Technical Skills:

Technologies	HTML 5, CSS3, JavaScript, Typescript, jQuery, React JS, Redux, Angular, ES6, NGRX, NodeJS, Express JS, Charts JS, Vue JS, Next JS, Hapi JS, Charts JS, Graph QL, Prisma, Java/J2EE, Python, D3 JS, JSON, AJAX, Material-UI, Tailwind CSS, Bootstrap, Hibernate, JDBC, Babel, .NET, C#
Testing Frameworks	Jest, Enzyme, Mocha, Jasmine, Karma, Cypress, Protractor, React Testing Library
CI/CD Tools	Maven, Jenkins, Bamboo, GitLab, GitHub Actions
IDE	Visual Studio, IntelliJ, Sublime, Notepad++, Eclipse IDE, WebStorm
Databases	Oracle, MySQL, SQL Server, Mongo DB, PostgreSQL, Dynamo DB
Build Tools	Webpack, Rollup, Grunt, Gulp, Vite
Application servers	Tomcat Server, WebSphere, WebLogic. AWS
Version Control Tools	SVN, CVS, GIT, TFS, VSTS, GitLab, GitHub, Bitbucket
Project Management	JIRA, Confluence, Trello, Workday, Rally, Monday
Project Methodologies	Agile, Scrum, Waterfall
AWS Technologies	S3, EC2, RDS, Lambda, CDN, Cloud Watch, SNS, SQS, EKS, ECS

Professional Experience:

Verizon, Basking Ridge, New Jersey
Sr. Frontend Developer

Nov 2022 - Present

Responsibilities:

- Designed and developed web pages using **HTML 5, CSS3, JavaScript, TypeScript, Bootstrap, SASS, LESS, React JS, Next JS, Redux, MobX, and Node JS**
- Built the UI for the Chatbot Template Builder application that enables business users to create customized chatbots tailored to their requirements, use cases, and preferences through various configurable elements
- Implemented various screens for the front end using **React JS** and used various predefined components from **NPM** (Node Package Manager) and **Redux** library
- Developed Single Pages Application (SPA) using **HTML5, CSS3, Bootstrap, React Async Await, Next JSs, GraphQL, Express JS, NodeJS, Socket, LESS.**
- Designed layouts on the front end and developed web pages responsive for smartphones, tablets, and Personal desktops using **HTML5, CSS3, Bootstrap, jQuery, React HOC, Redux & React Promises**
- Worked with **React JS** components, Forms, Events, Keys, Router, Animations, and **Redux** concept

- Worked on responsive web design (**RWD**) and developed webpages that could be served to desktop, tablets, and mobile environments using **React JS** and **Next JS**, focusing on usability and accessibility
- implemented **RESTful APIs** using **FastAPI**, improving the performance and scalability of backend services.
- Implemented server-side rendering (**SSR**) and static site generation (**SSG**) to optimize performance and **SEO**.
- Revamping and rewriting the front end using **React JS**, **Redux-Saga**, **Webpack**
- Developed Single Page Applications (**SPA**) in **React JS** using **React-Router** to make **AJAX** calls to mock the **API** data on the front end. Built dynamically generated dropdown lists using **ES6** and **Chrome DevTools**
- Developed user interface using **React HOC** and **Redux** for **SPA** development
- Managed and optimized **MongoDB** databases, ensuring data integrity and efficient querying.
- Elegantly used **React-Router** techniques **Axios** service to retrieve data from the server synchronously in the background without interfering with the display and existing page interactively.
- Expertise using **React JS** / **Redux** / **JSX** / **Flux** to build user interfaces with states, props, middleware, store, action creator, reducer, presentational and container components, and **React Hooks**
- Coordinated with integrating **RESTful APIs** and integrated them with front-end applications using **Express.js** and **Python frameworks** (Flask/Django). Achieved **API** calls from back end **NodeJS** using **React Axios**
- Coordinated maintaining server-side logic using **Python** and **Express.js** for **Node.js**
- Optimized query performance by utilizing **SQL** queries to interact with **MySQL** and **PostgreSQL** databases,
- Utilized **hooks** and **Context API** to manage state and lifecycle methods component-based architecture efficiently
- Provided development support services for engaging including **Elastic search**, **HTML**, **CSS**, Responsive Web Design, Test Driven Development (**TDD**), Continuous Integration (**CI**), and Continuous Delivery (**CD**).
- Integrated **GraphQL** for product catalog retrieval, resulting in a more efficient and flexible data-fetching process.
- Worked with **Redux Saga** along with **Redux thunk** to handle asynchronous calls efficiently
- Designed **CSS**-based page layouts that are cross-browser compatible and standards-compliant
- Implemented Micro Frontend (**MFE**) architecture for scalability, maintainability, and development speed.
- Implemented **JWT**-based authentication and authorization mechanisms to secure **API** endpoints.
- Familiar with integrating UI **microservices** into **CI/CD** pipelines and using tools such as Jenkins, **GitLab CI**, or **Azure DevOps** for continuous integration and deployment.
- Familiar with integrating UI **microservices** with backend **API** and managing the communication between UI **microservices** and backend services using protocols and standards such as **RESTful APIs** and **GraphQL**
- Improved UI consistency across multiple projects and Reduced development time by 30% by using **Storybook**
- Developed reusable UI components using **Storybook** with **WCAG 2.1 compliance**. Implemented **Storybook** addons for **A11Y** (accessibility checks), Knobs/Controls (dynamic props), and Actions (event handlers)
- Integrated **Storybook** with Chromatic for visual regression testing, reducing UI bugs by 25% and ensuring **Storybook** components aligned with **Figma/AdobeXD** designs, achieving 100% design-to-code accuracy.
- Used **React** along with **Framer X** to add interactivity and functionality to the designs along with **Adobe XD**
- Implemented **performance-tuning** by efficiently handling DOM manipulation, minimizing browser reflows and repaints, and event delegation for event handling on numerous elements.
- Developed unit testing scripts using **Jest**, **Enzyme**, **Cypress**, and **React test renderer** for React components
- Optimized UI performance by implementing **lazy loading**, **SSR/SSG (Next.js)**, and caching strategies
- Experience working with **Azure** services (**Azure Functions**, **AAD**, **API Management**, **Blob Storage**, **Cosmos DB**) and configured **Azure Application Insights** for real-time frontend performance monitoring and error tracking
- Experience working with **Azure Active Directory (AAD)** and managing users and groups.
- Streamlined UI testing and quality checks, automating **Jest** and **Cypress** tests in **Azure Pipelines**.
- Led migrating a complex **Angular** application to **React**, enhancing performance, maintainability, and scalability. Converted **Angular** components to reusable and efficient React components, ensuring consistent functionality
- Utilized **TypeScript** in **React** to ensure type safety and improve code quality during migration from **Angular 18**.
- Refactored **Angular 18** directives and services into **React hooks** and **Custom hooks**.
- Generated reports in **MySQL** and performed data analysis to support business decision-making.
- Implemented and supported **Section 508**, **WCAG**, and **ADA** compliance during development of applications

Environment: React JS, Node JS, Redux, MobX, Axios, NPM, Next JS, GraphQL, Vue JS, Vuex, HTML5, CSS3, JavaScript, TypeScript, Bootstrap, SASS, LESS, jQuery, AJAX, JSON, PL/SQL, Mongo DB, Jenkins, AWS Cloud, Azure, CI/CD, Micro Services, SVN, GIT, Docker, Kubernetes, Jest, Enzyme, Micro Frontend (MFE), Microservices, Responsive Web Design

Responsibilities:

- Designed and developed Portal using **Angular 12/13/14** along with **HTML5, CSS3, JavaScript, jQuery, Bootstrap**, and **TypeScript** Worked on **Angular** with **TypeScript** and other latest client-side technologies, including **ReactJS, ES6, Gulp, NodeJS, RxJS, Angular CLI, Webpack, Chrome DevTool, Karma, and Jasmine**
- Migrated from **Vue.js v3** to **Angular 14**, focusing on component reusability, state management, and routing
- Addressed differences in lifecycle hooks between **Vue.js** and **Angular**, adapting code to **Angular 14's** lifecycle methods such as **ngOnInit, ngOnChanges**, and **ngOnDestroy** for proper component management
- Experience with the **Vue.js** ecosystem, including setting up projects with **Vue CLI**, managing global state with **VueX**, handling navigation using **Vue Router**, and utilizing **Vite** for faster builds and optimized workflows
- Experienced in integrating **RESTful APIs** into **Vue.js** applications using **Axios** and **Fetch API**, ensuring smooth data interaction between frontend and backend systems
- Integrate with frontend technologies like **HTML, CSS, JavaScript**, and **AJAX** for building user interfaces
- Responsible for deployments on Docker Compose environment for **NodeJS** apps running on a stack with **PostgreSQL** and **Elastic Search** on **AWS**. Experience in using the **Azure** functions to talk to the UI.
- Experience working on various **UI Charting tools** such as **PrimeReact, Chart.js, Recharts**, and **FusionCharts**
- Managed **SQL** databases (**MySQL, PostgreSQL, SQLite**), including schema design, indexing, and optimization to ensure efficient data retrieval and storage. Resolved database-related issues in **MySQL**, minimizing downtime
- Utilized **J2EE** frameworks such as **Spring, Hibernate, Struts**, and **JSF** for application development
- Built components using **Angular** and **RXJS** platforms and developed components for reusability
- Experience using **Webpack, Babel, Grunt**, and **Gulp** for transpilation (compilation) configuration for **converting TypeScript** to **JavaScript**. Maintained QA environment using **AWS EC2** with **GitLab CI/CD**
- Experience working with **RESTful** Web Services and implementing **RESTful APIs** and **SOAP** protocols.
- Worked with **JSON** web tokens for authentication and authorization of security configurations using **Node JS**
- Experienced in using **GitLab CI** and **Jenkins** for **CI** and End-to-End automation for all builds and **CD**
- Utilized tools like **Jenkins, Docker, docker-compose**, and **Helm** to build, test, and deploy code
- Managed **IBM WebSphere** profiles, including creating and configuring cell, node, and server profiles.
- Used **Framer X, Adobe XD**, and **Figma** for prototyping interactive user interfaces provided by the **UX** team.
- Exposure to Application Servers like **IBM WebSphere, BEA Web Logic, Apache Tomcat**, and **JBoss**.
- Worked on **CSS pre-processor** frameworks **SASS** and **LESS**
- Implemented **performance-tuning** strategies such as reducing the number of **HTTP** requests by combining **CSS** and **JavaScript** files, using image sprites, and implementing browser caching.
- Collaborated with cross-functional teams working in **Agile** or **DevOps** environments.
- Familiar with version control systems and collaboration tools like **Git** and **Azure DevOps**
- Worked on cross-browser compatibility and responsiveness in UI **microservices** development
- Proficiency with **WebSphere, WebLogic, JBoss**, and **Tomcat** application servers.
- Supported maintenance of mobile applications using **Apache Cordova**, leveraging web technologies (**HTML5, CSS3, JavaScript**) for cross-platform compatibility. Worked with **Grunt** and **Gulp** for task runner configurations
- Also used Visual Website Optimizer (**VWO**) and **Optimizely** for **A/B testing** using dashboards to generate campaigns by defining advanced pattern-matching criteria
- Familiarity with real-time data processing with **Kafka, RabbitMQ Node.js, RESTful APIs**, and **WebSockets**
- Reduced deployment time by 36% by automating build & release pipelines in **Azure DevOps**.
- Improved front-end application performance by 30%, leveraging **Azure CDN** and caching strategies
- Enhanced security by integrating **AAD**-based authentication and role-based access control (**RBAC**).

Environment: Angular 10/11/12/13/14, React JS, Node JS, Redux, MobX, Axios, NPM, Vue JS, Vuex, Next JS, GraphQL, HTML5, CSS3, JavaScript, TypeScript, Bootstrap, SASS, LESS, jQuery, AJAX, JSON, Mongo DB, Jenkins, AWS Cloud, Azure, CI/CD, Micro Services, SVN, GIT, Docker, Kubernetes, Jest, Enzyme, Microservices, WebSphere, WebLogic

Responsibilities:

- Designed and developed Business Portal using **Angular 8/9** and **HTML5, CSS3, JavaScript, jQuery, Bootstrap, and TypeScript**. Built components using **Angular** and **RXJS** as independent modules for reusability
- Developed web-based customer application using **HTML5** and **CSS3, TypeScript, JSON, AJAX, Angular 8/9**
- Experienced in using application server technologies like **IBM WebSphere** and **WebLogic**.
- Developed **Vue Js** directives, which can be used along with **HTML5** components for **DOM** Manipulation.
- Familiarity with event-driven and messaging with **Kafka, RabbitMQ, Apache ActiveMQ, Azure Service Bus**
- Building and testing knowledge of user-facing code using tools like **Vue JS, Vuex, and Webpack**
- Implement security features in **IBM WebSphere**, such as **SSL**, single sign-on (**SSO**), and user authentication
- Implement application components using **EJB, Servlets, JSPs**, and other **Java EE** technologies.
- Created **Web Accessibility (WCAG 2.0)** and **Section 508** Evaluation report.
- Created **TypeScript** reusable components and services to consume **REST APIs** using Component-based architecture provided by **Angular 8/9**
- Created **Angular** components and custom directives for application functionality and pipes for heavy **DOM** manipulation and implemented Lazy Loading and Ahead of Time (**AOT**) to improve application quality and performance in low bandwidth connections
- Streamlined development process using **CSS** pre-processors such as **LESS and SASS**
- Involved in the development of User Interfaces using **PrimeFaces, JavaScript, CSS, and AJAX**
- Created and consumed **RESTful APIs** with JavaScript, **Node.js**, and database tools like **PostgreSQL & Mongo DB**.
- Experience working on various **UI Charting tools** such as **High Charts, PrimeNG, and JQplot**
- Developed **Angular** components using **RXJS, Kendo** components, Dev-Extreme grids, **ngx-web-worker, ngx-cookie-service, ngrx-store**, and several other libraries to stream real-time Data onto the **UI Grids**
- Used **Angular JS** as a framework to create **single-page applications** that bind data to specific views and synchronize data with the server. Optimize complex **SQL** queries in **MySQL** for performance and scalability.
- Initiated **performance-tuning** by enhancing initial load times by employing code-splitting techniques to load only necessary JavaScript for each page; developed responsive web designs and enhanced the user experience.
- Performed multivariate (**MVT**) **A/B testing** using **Maxymiser**
- Maintained compliance with data protection regulations and industry standards in **MySQL**
- Worked on unit testing for the **Angular** application using **Jasmine and Karma**
- Used tools like **GIT** for version controlling, chrome developer tools for Debugging, and **Jenkins** for deploying the code to different environments. Developed **UI** using **UX** tools such as **Figma**

Environment: Angular8/9, Angular JS, Vue JS, Vuex, jqLite, HTML 5, CSS3, JavaScript, TypeScript, Bootstrap, Ajax, Angular, Flex, SQL, Jenkins, CI/CD, XML, JSON, Git, Restful API, AWS Cloud Services, Micro Services, Azure, Docker, Kubernetes, JIRA, WebSphere, WebLogic, Jasmine and Karma

Bed Bath & Beyond, Union, NJ
Sr. Frontend Developer

Feb 2018– Aug 2019

Responsibilities:

- Developing Web components for e-commerce platform using **HTML5, CSS, LESS, Bootstrap, JavaScript, jQuery, Node JS, Grunt, React, and Redux**
- Designed and developed Commercial Business Portal using **React** and **JavaScript, Bootstrap, and TypeScript**
- Worked with **React Hook** Forms and Validations and in implementing **ES6** and **JSX** syntax
- Created reusable components and services to consume **REST APIs** using Component-based architecture
- Used **Webpack, Babel, Grunt, and Gulp** for transpilation of configuration from **TypeScript** to **JavaScript**
- Streamlined development process using **CSS** pre-processors such as **LESS and SASS**
- Involved in the development of User Interfaces using **Material, Bootstrap, JavaScript, CSS**
- Experience working on various **UI Charting tools** such as **PrimeReact, Chart.js, Recharts, and FusionCharts**
- Integrated **FastAPI** with frontend frameworks and tools like **React** for seamless end-to-end solutions.
- Integrated **PHP** with **JavaScript** frameworks (e.g., **jQuery, React**) to create interactive and dynamic UI

- Developed and integrated **RESTful APIs** using **PHP**, ensuring seamless data flow and interaction between frontend and backend components. Developed **UI** reporting and **Data Visualization** using **D3.js**
- Experienced with deployments, maintenance, and troubleshooting applications on **AWS Cloud**
- Worked using **React JS** components, Forms, Events, Keys, **Routers**, **Animations**, and **Redux** concepts.
- Worked on React UI and architecture. Building components library, including Tree, Slide-View, and **Table Grid**
- Used **SASS**, Inline **JSX** styles, **CSS**, styles-**JSX**, **Material-UI**, **Grommet**, and **Bootstrap** for styling the components
- Design, develop, and test **Next Js**, **React JS**, and **Material-UI** that meet accessibility and web browser standards for the website and improve **SEO** using **SSR** (Server-Side Rendering)
- Used **CSS** preprocessor called **SASS** and **LESS** for styling the **React** Components
- Hands-on Experience with **Angular** technology for one complete project in rebasing the application's UI using the techniques in **Angular 6/8**. Developed UI based on mockups using tools such as **Adobe XD**
- Monitored **MySQL** database systems, ensuring high availability and reliability.
- Developed single-page applications using **Angular**, **TypeScript**, **web pack**, and **Grunt**
- Used **WCAG 2.0** Technical Standards for Web Accessibility. Used **Jest** and **Enzyme** for unit testing.
- Implemented **Docker** container for **Git** branches switching to **Jenkins** as a Continuous Integration (**CI**) server

Environment: React, Redux, MobX Flexbox, PrimeReact, D3.JS TypeScript, JavaScript, Angular, Node JS, Material-UI, Grommet, Next JS, GraphQL, NPM, Jenkins, jQuery, Bootstrap, Ajax, HTML5, PL/SQL, MongoDB, AWS Cloud Services, ADA, CSS3, GIT, TDD, LESS, CI/CD

AIG, Farmington, CT
UI developer

March 2016 –Jan 2018

Responsibilities:

- Created **React** Components and developed single-page applications (**SPA**) using **React JS**
- Created reusable components using **React JS** and used React-Router to turn the application into **SPA**
- Focused on writing minimal code in building re-usable forms with their validations using **React** with **Redux**
- Used **Redux-Store** to store the React Application state and worked with middleware for the **Redux-Store**
- Experience in using **React JS** components, Forms, Events, Keys, Router, **Redux**, **Animations**, and **Flux** concepts
- Used **React JS** to create interactive UI using one-way data flow, virtual **DOM**, and **JSX**.
- Used **jQuery** and **AJAX** for service calls on pages to interact with the server for rapid prototyping
- Implemented various screens for the front end using **React JS** and used various predefined components from **NPM** (Node Package Manager) and **Redux** library
- Extensively used **Webpack** to remove code dependencies and develop a **SPA** using **React JS** and react-route
- Built Web pages using **jQuery** plugins for Drag and Drop, Auto Complete, **JSON**, **JavaScript**, and **React JS**
- Built responsive Web design using **Bootstrap** to build grids, layouts, and components such as dropdown menus, navigation bars, alerts, and labels
- Worked on **RESTful APIs** using **Express JS** and **Node JS**. Implemented mock services in Node JS with the help of modules using the **Node JS** server
- Developed **Angular** Forms, Validations, Modules, **DOM**, Expressions, Directives, Controllers, and Filters, and used **Angular 4/6** and **Bootstrap** for effective design of web pages
- Implemented **lazy loading** for images and assets to load content only when it becomes visible in the viewport as part of **performance tuning**. Worked with the UX designers and developed UI using tools such as **Figma**
- Involved in using **Angular CLI** commands to run various builds locally, replicating higher environments like prod
- Used **Jenkins** to make the build process and used **Karma**, **Jasmine**, and **Protractor** to write **unit test cases**
- Log defects encountered in the application through **JIRA** during test cycles and conduct fix verification
- Extensive working in an **AGILE** environment to date to harden **SDLC** processes via new tools or implementing steps to increase stability, reliability, and performance.

Environment: React, Angular, HTML/HTML5, CSS/CSS3, SASS, LESS, jQuery, React JS, Redux, Bootstrap, Node JS, Express JS, JSX, Flux, SASS, LESS, PL/SQL, MongoDB, AJAX, RESTful APIs, DOM, GitHub, JIRA, Agile, Docker, CI/CD,

Unisys Technologies, India.
Frontend Developer

Aug 2012 – Feb 2014

Responsibilities:

- Experience migrating enterprise applications from legacy frameworks, including **RichFaces 3.3**, to modern UI technologies. Skilled in **Java, jQuery, HTML5, CSS3, and JavaScript**.
- Proficient in UI/UX design principles, responsive design, and usability testing
- Developed dynamic, robust UI screens using **CSS, HTML, React JS, JavaScript, Bootstrap, and jQuery**.
- Reengineered **RichFaces UI** components into custom **jQuery**-based modules, reducing page load times by 30%.
- Migrated legacy applications from **RichFaces 3.3** to web technologies, reducing maintenance overhead by 40%.
- Replaced UI components with **jQuery**-based solutions, enhancing performance and user experience by 25%
- Migrated legacy **JSF applications** to modern frameworks, reducing security risks and improving compliance.
- Worked with **React JS components, Forms, Events, Keys, Router, Animations, and Flux concept**
- Developed and implemented user interfaces as per the latest **W3C** standards
- Developed client-side validation code using **JavaScript and jQuery**
- Created cross-browser compatibility and standards-compliant **CSS-based** page layouts
- Used **JIRA** as the bug tracking system to track and maintain the history of **bugs/issues**
- Used UX tools such as **Figma** to develop UI pages based on the mockups
- Implemented **AJAX** in web pages for accessing application data without refreshing the whole page for better **UX**
- Implemented interaction between frontend and backend using the **JSON** object
- Used **React JS and JavaScript** for validating client-side validations and to build web components
- Added user validations and permissions by using Node JS and used **Node JS** for server hosting
- Extensively used **NodeJS** on the front end (namespaces, closures, and custom bindings)
- Worked on tools like **Eclipse** and **GIT** repositories, installed and configured **GIT**, and synced with multiple **GitHub** repositories

Environment: React JS, HTML, CSS, JavaScript, Bootstrap, Node JS, jQuery, AJAX, JSON, Eclipse, PL/SQL, Git, JIRA

Lansys Technologies, India.
Frontend Developer

June 2010 – July 2012

Responsibilities:

- Responsible for creating efficient design and developing User Interaction screens according to the client requirements using **JavaScript, jQuery, AJAX, and JSON**
- Used **JavaScript** and **jQuery** to make the web application user interactive
- Designed web applications using **HTML** and **CSS** and deployed the script by client-side scripting using **JavaScript**
- Executed **RESTful** web service calls for POST, PUT, PATCH, DELETE and GET methods
- Created UI templates and functionality to be merged with the backend **REST/SOAP API** for proper communication of front and back end to enable the efficient working of the application
- Designing the User Interface **UI/UX** and the overall look and feel of the interface on desktop and mobile
- Designed and developed **CSS** behaviors, CSS styles, CSS fonts, CSS buttons, Pseudo Classes, and Pseudo elements
- Designed and maintained **SQL scripts** for **Excel** reporting and stored procedures
- Used **jQuery** to traverse through a **DOM** tree and manipulate the nodes in the tree. Implemented the Drag and Drop functionality using the **jQuery** framework
- Used **jQuery** plugins for Drag and Drop, Widgets, Menus, User Interface, and Forms.
- Worked with unit testing of **JavaScript** applications using Karma, Jasmine.

Environment: HTML, CSS, JavaScript, XML, XHTML, jQuery, AJAX, React SVN, Git, SQL, Linux, Windows, and Mac,

Educational Background:

Masters: Master of Science, University of North Carolina, 2016