**Sharath**

**UI Software Developer**

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**PROFESSIONAL SUMMARY :**

* Around **10+** years of professional experience as a **Front-end Developer** in developing web applications using **HTML5**, **CSS2/3**, **JavaScript**, netJS, **Angular**, **React, Node.js** and **React Native**.
* Experience in consuming **RESTful Web Services** to implement **AJAX** calls and updating dynamic functionality of **HTML** in JavaScript, jQuery, AngularJS and Angular.
* Experience in utilizing JavaScript MVC frameworks like **Angular JS, Angular all versions**.
* Hands on experience in developing prototype module using **Angular JS**.
* Implemented Angular services to manage application-wide data and state, enhancing data consistency and sharing across components.
* Utilized Angular animations to create visually appealing and interactive user interfaces.
* Applied lazy loading techniques for optimizing the loading time of Angular modules and improving overall application performance.
* Integrated third-party Angular libraries and modules to leverage pre-built functionalities and enhance development efficiency.
* Employed Angular Forms and Validators for effective form handling, data validation, and user input management.
* Implemented Angular routing to create a single-page application (SPA) architecture, enhancing user navigation and experience.
* Experience in **ReactJS** framework and integrating them to **Node.js** server-side code.
* Used **React-Redux** libraries for state management to maintain consistency across different environments.
* Experience working with React **Flux** application architecture for creating user interface, displaying data, keeping the user interface up to date when data changes.
* Knowledge of utilizing cloud technologies including Amazon Web Services (**AWS**), Microsoft **Azure** Blob and Pivotal Cloud Foundry (**PCF**).
* Proficient in developing Single Page Applications (**SPA**).
* Experience in **AngularJS** structural framework for Dynamic web applications.
* Experience in using **Angular 2** controllers, directives, dependency injection, factory and service resources, routings and events.
* Knowledge on developing **mobile apps** using **React Native.**
* Experience working with **ECMAScript 6** features and trans piling the JSX to JavaScript and **ES6** code to **ES5** code using **Babel** and bundling them together using **Webpack** with **es2015** and **react** presets.
* Experience in **MERN** stack development **MongoDB**, **ExpressJS**, **NodeJS** and **ReactJS** for building dynamic web sites and web applications.

**TECHNICAL SKILLS :**

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| --- | --- |
| **Web Technologies** | HTML 5, CSS3, XML, Bootstrap, jQuery, AJAX, JavaScript, AngularJS, Angular (2/4/6/8/9/12), Node.js, ES6, TypeScript, ReactJS, React Native |
| **Editors/IDEs** | Visual Studio Code, IntelliJ IDEA, WebStorm, Android Studio, Xcode |
| **Databases** | MongoDB, MS SQL Server, MS Access, DBeaver, SSMS (SQL Server Management Studio) |
| **Operating Systems** | Windows, Mac OS, Unix |
| **Version Controls** | Bitbucket, Git |
| **Methodologies** | Agile, Waterfall |
| **Tools** | Jasmine, Karma, Jest, Enzyme, React Testing Library |

**WORK EXPERIENCE:**

**Client: Walmart, Bentonville, AR May 2023 - Till Date**

**Role: Senior UI Developer**

**Responsibilities:**

* Lead UI developer involved from start to delivery of the project.
* Lead a small group of UI developers in the project and delivered the projects on time.
* Accessibility **WCAG 2.0** guidelines in corporation while development of the website.
* Collaborated with **QA** teams to write and execute automated acceptance tests, enabling comprehensive validation of user stories.
* Creating responsive web pages using media queries and **CSS3** for device independent UI pages for viewing across all resolutions and devices. Integrating front end UI code with Java backend code along with **Java** Developers. Created Angular directives, services, and controllers for a complete ground up development and migration of existing **JavaScript** and **java** web application.
* Working with testing team to identify and resolve any defects arising due to the code. Work in a tight schedule agile methodology.
* Good experience on developing end to end native/hybrid mobile application for IOS, Android platforms, Web applications using latest UI Front End technologies which includes ANGULAR, IONIC, REACTJS, VUEJS, REACT-NATIVE, FLUTTER, REACTIVEJS, FLUX, REDUX ARCHITECTURES, XAMARIN, IOS, SWIFT, Objective-C, Android etc.
* Integrated the **chatbot** with various external APIs to fetch real-time data and provide users with up-to-date information
* Executed regular regression test suites using **Selenium** and integrated them into the continuous integration (CI) pipeline (e.g., Jenkins).
* Collaborated with cross-functional teams to integrate external APIs and data sources into **Bing's** search ecosystem, expanding the range of search services offered and providing users with comprehensive results.
* Conducted A/B tests and gathered user feedback to iterate and improve **AI**-driven features, enhancing their accuracy and usability.
* Collaborated with design teams to translate mockups into pixel-perfect **HTML**/**CSS** layouts, maintaining consistent visual aesthetics.
* Ensured seamless functionality across various platforms by adapting Java codebase to support different operating systems and web browsers, enhancing **Chart** **GPT's** accessibility and user base.
* Designed and implemented custom intents, entities, and contexts within **Dialog flow** to handle specific user queries effectively, resulting in accurate responses and meaningful interactions.
* Implemented speech synthesis functionalities to enable the **voice Bot** to respond audibly to user queries and commands. Tuned the synthesis parameters for natural and clear voice output.
* Use technologies like **HTML5, CSS3, JavaScript, Angular JS, JSON** and other accessibility tools for accessibility incorporation. Created new component services to make **GET/POST** to deal with **API** request and response from **AngularJS** to send the request and get the response from Backend DTO.
* Created comprehensive technical documentation for **Java** APIs, libraries, and integration procedures, aiding other developers and enabling them to effectively utilize **Chart** **GPT's** capabilities.
* Based on **JIRA** ticket and BA requirements addressed many PRODUCTION tickets to make the application more reliable to use for Retail Officers and end-user.
* Consumes APIs while utilizing Python requests to read numerous JSON reports.
* Developed **webhook** services in Java to enable dynamic responses from external data sources or APIs. Integrated these **webhooks** with **Dialog flow** to enhance the bot's capabilities.
* Performed form validations using Angular Material.
* Collaborated with cross-functional teams to identify, document, and prioritize defects using tools like JIRA. Utilized **Selenium** to create reproducible test cases that aided developers in understanding and addressing reported issues promptly.
* Collaborated with UX/UI designers to create intuitive user flows within the chatbot interface.
* Used Angular2 HTTP Module to make API calls and worked with the observables.
* Worked on responsive design and developed a single responsive website that could be served to desktop, Tablets and mobile users using Angular JS. Worked with Git, Bit-bucket, GitBash to keep track, add, commit and push all the code changes into different environment based on the requirements and releases. Used testing frameworks like Jasmine, Chai, Mocha to write test cases for different scenarios to cover each component, services build.
* Optimized the voice Bot’s performance by minimizing latency and response times.
* Implemented semantic HTML practices for improved accessibility and search engine optimization (SEO) to enhance user reach.
* Conducted regular code reviews and participated in refactoring efforts to enhance code quality, maintainability, and adherence to coding standards, resulting in a more stable and maintainable Java codebase for Bing's services.

**Environment:** HTML5, CSS3, JavaScript, Angular.js, Angular 2.0 node.js, JSON, Responsive Design, GitHub, Web services, XML, XSLT, , Windows, MongoDB

**Client: AT& T, TX Feb 2021 – Feb 2023**

**Role: UI Developer**

**Responsibilities:**

* Developed reusable components in React JS to be shared across applications, leveraging ES6 features and employing **Next.js** for server-side rendering capabilities.
* Led the migration effort from AngularJS v7 to Angular v15 in a significant project, ensuring a smooth frontend transition and utilizing Angular CLI for efficient development workflows.
* Proficient in Angular development, adept at implementing features like lazy loading, reactive forms, and integrating with **Java Swing** for desktop applications.
* Demonstrated proficiency in Java development and frameworks such as Spring, utilizing Maven for project management and Jenkins for continuous integration.
* Integrated frontend (Angular) with backend (Java) for Full stack applications, ensuring seamless communication between client and server layers.
* Implemented and enhanced **RESTful APIs** using Java Swing for improved system functionality and scalability.
* Utilized Docker for containerization, facilitating efficient deployment and scalability of applications.
* Applied testing strategies for Angular (Jasmine, Karma), React (Jest, Enzyme, React Testing Library), and Java (JUnit) components, ensuring code quality and reliability.
* Collaborated effectively with cross-functional teams and stakeholders throughout the modernization process, following Agile/Scrum methodologies for project management.
* Maintained up-to-date knowledge of the latest Angular, React, and Java advancements through continuous learning and professional development.
* Achieved measurable improvements post-modernization, enhancing performance and user experience across applications.
* Leveraged Java Swing for desktop application development, incorporating MVC principles for scalable and maintainable code.
* Utilized AWS resources such as EC2, ECS, Lambda, and RDS for cloud infrastructure management, deploying and scaling applications efficiently.
* Worked on integration with AWS RDS instances for Java applications deployed on Elastic Beanstalk, ensuring reliable data storage and retrieval.
* Demonstrated understanding of stack-based infrastructure implemented using AWS OpsWorks, optimizing application deployment and management.
* Implemented Test Driven Development (TDD) practices and followed Scrum concepts of the **Agile Methodology** to deliver high-quality software.
* Automated services using Rest API with cucumber, ensuring efficient testing and validation of backend functionality.
* Wrote application-level code to perform client-side validation using **jQuery** and **JavaScript**, progressively enhancing form elements for improved functionality.
* Developed JUnit test cases for unit testing and functional testing of various modules, ensuring code reliability and maintainability.
* Utilized **JIRA** tracking system for efficient application deployment and project management.
* Employed **Next.js** in React applications to enhance server-side rendering capabilities, ensuring improved performance and search engine optimization (SEO) for web applications.
* Leveraged **Java Swing** for desktop application development, utilizing its rich set of GUI components and event handling mechanisms to create intuitive user interfaces for standalone applications.

**Environment:** AngularJS, React Native, HTML5, CSS3, JavaScript, Android Studio, WebStorm, Xcode, DBeaver.

**Client: California DMV.CA. May 2019 – Jan 2021**

**Role: UI Developer**

**Responsibilities:**

* Designed and built advanced applications for the cross-platform UI like web, android and iOS with **AngularJS** and **React Native**.
* Worked on ecommerce **integrated fulfillment** application to create the user interface with advanced technologies and frameworks to manage the user actions and business logic of the software.
* Built hybrid mobile applications with react native development for iOS and android platforms using **Cordova** and **ionic** frameworks with native building tools like **Xcode** and **Android Studio**.
* Developed the looper script for building the iOS application on the **looper job** and generate the build on **Nexus** repo for testing and release.
* Involved in building the **BYOD** applications for iOS and android BYOD devices.
* Collaborated with cross-functional teams to define, design, and ship new features.
* Designed and developed Single Page Applications in **React JS** using **React-Router** and used **Axios** for making Ajax calls and used Axios-mock-adapter to mock the API data on the frontend.
* Implemented React container and presentational components (as Stateless and Functional components when applicable).
* Added Excel-Builder to download the Tabular data in Excel format using React.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Maintained states in the stores and dispatched the actions using **Redux**.
* Utilized **Redux Thunk** to make asynchronous calls and utilized **RESTful** webservices.
* **Unit-test** code for robustness, including edge cases, usability, and general reliability.
* Worked on **bug fixing** and improving application performance.
* Continuously discover, evaluate, and implement new technologies to maximize development efficiency.
* Worked with Android **SDK 8**. Experienced working with remote data via **REST** and **JSON**.

**Environment:** AngularJS, React Native, HTML5, CSS3, JavaScript, Android Studio, WebStorm, Xcode, DBeaver, Postman**.**

**Client: SEI Oaks, PA Feb 2018 – Mar 2019**

**Role: Front-end Developer**

**Responsibilities:**

* Involved in working on single page applications using **React**, **Redux**, **React**-**Router**, **Bootstrap** and **ECMAScript 6 (ES6)**.
* Interacted with design and marketing department to create captivating web pages and ads.
* Developed application using **Angular4** Components, Services, Modules, and Routers for developing Single Page Application with **TypeScript** and **ES6** features.
* Developed **Angular4** reusable Components, Services by Dependency injection to reduce duplication of code and developed responsive web pages using **Bootstrap** and **CSS3** media queries.
* Implemented **Angular client-side** validation through the forms module and wrote custom validators where necessary.
* Implemented application using Visual Studio Code, **Angular 4**, Typescript, NGRX, Bootstrap, JSON, HTML5, CSS3, Angular CLI and Web API.
* Used states like get and set state methods to dynamically change data component individually.
* Used angular-cli tools to configure the angular project and built it for development of Angular application using **Angular 4**.
* Integrated different pages to be a single page application using **Angular 4** and **Typescript**.
* Improved the application health using ES6 and lodash by importing libraries.
* Created a Single Page Application module using TypeScript, React JS.
* Used Spring Framework for managing transactions and dependency injection (IoC) using annotations.
* Designing and developing new back-end services, maintaining, and expanding our AWS infrastructure, and providing mentorship to others on my team.
* Used Hibernate as the ORM tool to connect with Oracle database and worked on Dynamo DB.
* Implemented test cases and performed unit testing using **Jasmine** and **Karma**.

**Environment:** React JS, Redux, Angular4, TypeScript, HTML, CSS, JavaScript, Bootstrap, jQuery, ES6, Babel, Web pack, MongoDB, Git, VS Code**.**

**Client: Charter Communication, Stamford, CT Oct 2016 - Jan 2018**

**Front End Developer**

**Responsibilities:**

* Involved in designing and developing the front end of the application using React JS.
* Developed web pages using HTML4.0/5.0, CSS3, JavaScript, Bootstrap 3/4, Material, React JS, Bootstrap3/4, AJAX and JSON.
* Analyzed business requirements and existing software for Elevated Level Design.
* Followed Agile methodology and involved in daily Scrum meetings, sprint planning, showcases and retrospective and used JIRA as a tracking tool for the sprints.
* Designed and developed the authenticating portal using framework React JS along with HTML5, CSS3 and ES6.
* Consumed REST APIs using AXIOS framework.
* Involved designing web pages using HTML 5, CSS3, JavaScript, Bootstrap, SASS, LESS, React.js, Redux, Flex, Mongo DB.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and Redux library.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* For React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Developer Angular-JS components such as controllers, Services, Filters, models.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Used React JS for templating for faster compilation and developing reusable components.
* 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.
* Used React-Autocomplete for creating google maps location search on the webpage.

**Environment:** React JS, Redux, Redux Thunk, HTML5, CSS3, JavaScript, Node.js, IntelliJ IDEA, SQL Server Management Studio**,** Postman.

**Client: Invictus Consultants, Nagpur India. Apr 2013 – Jul 2016**

**Web Developer**

**Responsibilities:**

* Developed web pages using **HTML, CSS, JavaScript, jQuery**, **AngularJS.**
* Experience using **Bootstrap** for Responsive Web Designs.
* Developed **custom directives** that are required by the Business team and reused these directives across the website.
* Worked on Routes in **Angular 1.x** creating the base route and extensions by using Router Config as an injectable URL path and customized component for each of the web page in **Angular 1.x**
* Developed Object Oriented JavaScript code and responsible for client-side validations.
* Developed source code to consume **JSON** response received through AJAX calls using **JQuery**.
* Responsible for **JavaScript** upgrades and improvements.
* The tech stack is **AngularJS**, LESS, Bootstrap, and cutting-edge server-side technologies.
* Developed all client-side logical implementation part of applications with **AngularJS.**
* Used Ajax Controls, Web forms, JavaScript and **HTML5** for task and log reports.
* Used Chrome Developer's tool for debugging the website and manipulated the nodes using **DOM** functions**.**

**Environment:** HTML, CSS, JavaScript, Bootstrap, jQuery, DOM, AngularJS, Webpack, Node.js, Sublime Text, Jasmine, Karma, Git, Agile methodology.