**Leenavarthini**

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**Description:**

* Around 8 years of experience in the capacity of a Senior Web Developer, I have accrued a rich expertise in front-end technologies, majoring in JavaScript and TypeScript alongside leveraging frameworks such as **Angular,ReactJS, NodeJS,** and **ExpressJS**. Recently, I have expanded my skillset to encompass React, utilizing its potential for building dynamic and responsive UIs, integrating state management tools like **Redux** for seamless data flow and management. I have played a pivotal role in setting up the **MEAN** stack application layout right from scratch, orchestrating services on the **NodeJS** platform, and crafting templates, mockups, and prototypes that foresee the evolution of web page designs and flows.
* Currently, I am spearheading UI development at FM GLOBAL, a role that necessitates seamless integration with various APIs to retrieve essential customer data. My proficiency extends to migrating applications from AngularJS 1.x to more recent versions up to **Angular 15**, showcasing an adeptness in developing intricate application logic. In tandem, I have developed proficiency in **React**, making notable strides in creating component-based architectures, leveraging hooks for state and lifecycle features, and utilizing context API for state management. This, paired with my foundational skills in **HTML, CSS, Bootstrap, GIT, and MongoDB**, and a thorough understanding of REST APIs, places me in a prime position to innovate and drive forward with modern web development strategies. My comprehensive experience in the web technologies landscape, reinforced with my recent ventures into React development, enables me to bring a well-rounded, innovative approach to web development projects.

**EXPERIENCE SUMMARY:**

* Hands-on of experience in **frontend/client-side** world and have extensive expertise with HTML, CSS, **ReactJS**,Angular JS, **Angular2/4/5/8/12/14/15/16**, Bootstrap and most legacy frameworks and libraries such as jQuery.
* Proficient in developing responsive mobile friendly websites quickly and effectively using **HTML5, CSS3,** **JavaScript** and **jQuery** and experience in making them cross browser compatible.
* Strong experience in working on modern full stack JavaScript environment like **MEAN** (Mongo, Express, Angular, Node) for developing single page applications.
* Expertise in implementing Closures, Promises, Async and Await, Callbacks, Prototype inheritance and Object-oriented concepts **(OOPS).**
* Expertise in **Vanilla JavaScript** including prototype, scope and module concepts.
* Proficient in state management tools like **Redux** and **NgRx**.
* Participated in cross-functional team collaboration, involving **.NET** and **MEAN** stack components, to ensure project success.
* Leveraged various **React libraries** such as **Material-UI, Redux** for state management, and **React-Bootstrap** for designing responsive layouts.
* Experience in converting ReactJs app to use modern features like React Hooks and context.
* Good at configuring **Webpack** for UI apps.
* Experience with moders technologies such as **KENDO UI, AG-Grid, Angular material**.
* Expertise in building strong websites confirming Web 2.0 standards using Yahoo User Interface (YUI) Framework, **JQuery, HTML, XHTML, DHTML & CSS** to develop valid code and table-free sites
* Experience using **ECMAScript 6** and transpilation of **ES6 to ES5** using **Babel.**
* Extensively Worked on **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table, Pseudo Elements & Classes and CSS Behaviours in CSS.**
* Experience in Applications using **AJAX,** Object Oriented (OO) JavaScript, **Angular JS,** **flexbox**, **Node JS**, Kendo UI, Knockout JS, and **JSON**.
* Experience in developing style components with **SASS.**
* Hands-on experience in consuming **RESTful** serviceusing **JavaScript, jQuery and AngularJS.**
* Experience with Agile methodologies and used **TDD/BDD** technologies for testing the applications.
* Excellent understanding of DB Design, DB normalization and writing **SQL** queries with **RDBMS** like **MySQL, MySQL** server.
* Experience in using **Node JS** and Express for making calls (GET, POST, PUT, DELETE) for triggering or fetching data from Restful API's provided by the backend team.
* Involved in using various IDE's like Dreamweaver, WebStorm, IntelliJ, Notepad++, Eclipse, Sublime Text 2, Brackets. and Visual Studio.
* Experience in unit testing tools using **Jasmine, Karma, Mocha**, **Chai** testing framework along with **TDD** environment and expertise in **Web pack, Gulp** and **Grunt.**
* Proficient in utilizing **AWS S3** for storage solutions, serving static assets and integrating with Lambda for event-driven processing.
* Expertise in setting up secure and scalable APIs with **AWS API Gateway**, integrated with **Lambda** **functions** for backend processing.
* Worked on version control tools such as **GIT, SVN**,integration tools like **Jenkins**, bug tracking tools like **JIRA**, cloud platforms such as **OpenShift.**

**Skill Set:** **HTML (7 Yrs), CSS (7 Yrs), Angular (5Yrs), ReactJs(3yrs), Node.Js (3Yrs), MongoDB (1), Agile (JIRA,RALLY) , JQuery, Ajax .**

**TECHNICAL PROFICIENCY:**

|  |  |
| --- | --- |
| **Web Technologies** | HTML/HTML5, CSS/CSS3, JavaScript, Ajax, jQuery, JSON |
| **Frameworks** | AngularJS, Angular 2/4/5/6/7/8.2/13/16, ReactJs, VueJS NodeJS, Express js, Redux, jQuery, Bootstrap |
| **IDE’s and Tools** | Visual Studio Code, Eclipse IDE, Dreamweaver, Developer Tools, Sublime Text |
| **Wire Frame Tools** | Adobe Illustrator CS3, Adobe Photoshop CS3/CS4 |
| **Web services** | JSON, AJAX, RESTful |
| **Test and BuildTools** | GULP/GRUNT, Firebug, Karma, Jasmine and Mocha, Jest, Enzyme,Webpack |
| **SDLC Processes** | Agile, Waterfall, Scrum |
| **Servers** | Apache Tomcat, NGINIX |
| **Operating System** | Window 98/2000/XP/Vista/7/8/10, UNIX, LINUX, MAC OS X |
| **Database** | My SQL, MongoDB |

**Education:**

**Bachelor's degree, Electronics and Communication Engineering (ECE) – Jawaharlal Nehru Technological University (2016)**

**Professional Experience:**

**FMGlobal | Johnston, RI** (May 2023 To Current)

**Role**: **MEAN/MERN Stack Developer / Sr. UI Developer**

**Project:** SmartInsure: Data-Driven Insurance Risk Assessment Platform

**Note** : HAVE 2 PROJECTS one in **ANGULAR** other in **REACT**

**Responsibilities:**

* Created **TypeScript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 16.2.**
* Authenticated the NEST API access from frontend using middleware **JWT**.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular 16.2.**
* Created services with **Angular 16.2** @injectable property, as to make the service available for dependency injection when creating components.
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks
* Used CSS preprocessor **SASS** to make CSS more efficient.
* Used **NGRX** for state management.
* Used **Ngrx**/Effects library to allow application to communicate with the outside world by triggering side effects.
* Led the integration of **AWS Lambda** to create a seamless, serverless architecture, enhancing the efficiency of data processing and risk assessment modules.
* Facilitated continuous integration and continuous delivery (CI/CD) pipelines with **AWS ECS**, automating the build and deployment processes, and ensuring high availability and fault tolerance.
* Seamlessly integrated **AWS ECS** and **S3 services** with **Node.js** applications, optimizing data flow and improving overall system efficiency
* Designed and developed CSS behaviours, CSS styles, CSS fonts, CSS buttons, Pseudo Classes, Pseudo elements in CSS.
* Developed models to persist data in **MongoDB** using **Mongoose Driver**.
* Responsible for creating **RESTful** web services using NodeJS, ExpressJS for fetching the data, updating and storing in MongoDB database using mongoose.
* Transformed the **API response** using **RXJS observables.**
* Written code on **Typescrip**t and **ES6** to implement **Angular Components**.
* Developed a secondary dashboard using **React JS** to integrate with the existing Angular application, enhancing the platform's flexibility and functionality.
* Utilized **React Hooks** and **Context API** to manage the state and create more readable and maintainable code.
* Leveraged **React-Redux** for efficient state management and ensuring seamless data flow across the application.
* Implemented unit testing in the **React project using Jest and Enzyme**, ensuring the robustness and reliability of the application.
* Bundled and minified the JavaScript files using **VITE and webpack**.
* Authenticated the API access from frontend using middleware **JWT**.
* Implemented token-based Authentication for API using **Jwt token.**
* Used Angular **Http** to communicate with API and used map, filter, subscribe in **Rxjs**.
* Created custom **pipes** using **angular before** displaying it to the user.
* Used **jasmine** and **karma** for unit testing and **mocha-chai** for functional testing.
* Written unit test scripts for controllers, filters and services using **TDD** as a part of agile approach.
* Developed in an Agile Team environment using **GIT**.

**Environment**: HTML/HTML5, CSS/CSS3, SASS, Bootstrap3, Typescript, Angular 16, ReactJS, ExpressJS, NodeJS, NestJS, jQuery, MongoDB, Gulp, NPM, Jasmine, webpack, Karma, mocha-chai, JIRA, AWS.

**Epicor Software Corporation, Bangalore | Nov 2019 - Feb 2023  
Role**: **UI Developer / ReactJS Developer / MERN STACK developer  
Project: GLAICER Application**

**Description:** Benefit Eligibility and Coverage Hub (BEACH) provides an advanced benefit browser experience for epicor employees who need to access health plan benefit language and other information, including copays, deductibles and coinsurance values, at a group or member level and also employee benifits.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Participated in multiple stages of the Software Development Life Cycle (SDLC) including Requirements gathering, Design, Analysis, and Code development.
* Developed dynamic and interactive web applications using **React.js** with a focus on high performance and user experience.
* Coordinated closely with the Director on creating NextGen versions of the existing applications using modern **React** techniques.
* Developed User Interface using **React.js** library along with JavaScript (ES6+), HTML5, and CSS3 to create robust and scalable applications.
* Implemented routing in single-page applications using React Router to facilitate navigation between different components and views.
* Engaged in migrating existing **AngularJS 1.5** application to React from scratch, ensuring a smooth transition and maintaining functionality.
* Utilized **NodeJS** and **ExpressJS** to develop server-side logic and create non-blocking input-output models.
* Involved in optimizing the existing codebase in **React** by making it more modular and efficient, following the latest industry standards.
* Leveraged various React libraries such as **Material-UI**, **Redux** for state management, and React-Bootstrap for designing responsive layouts.
* Implemented API integration using Axios/Fetch API for communication between client-side and server-side and handled asynchronous operations using promises and async/await.
* Utilized testing frameworks like **Jest** and **React Testing Library** for unit and component testing, facilitating continuous integration and delivery processes.
* Collaborated with backend teams and integrated RESTful APIs, processed JSON responses to dynamically display data on the web pages.
* Used CSS-in-JS solutions like styled-components for styling and enhancing the visual appeal of the applications.
* Utilized Webpack for bundling and optimizing the application's assets and Gulp(for legacy app) as a task runner for automating repetitive tasks.
* Planned the prospective upgrade of the app to leverage features in newer React versions for optimized build times and enhanced performance.
* Collaborated with QA teams for integration testing and worked on bug fixing using bug management tools like JIRA or RALLY.
* Managed version control using Git and GitHub, ensuring code integrity and facilitating collaboration among team members.

**Environment**: HTML5, CSS3, SASS, Bootstrap, JavaScript (ES6+), React.js, Redux, React Router, Node.js, ExpressJS, Axios, MongoDB, Jest, React Testing Library, Webpack, Gulp, NPM/Yarn, Git, GitHub, JIRA/RALLY.

**DXC Technologies (formerly Hewlett Packard Enterprise) | (May 2016 - Nov 2019)  
Role**: **MEAN Stack Developer / UI Developer  
Project: Appointment Reminder System(CVS)**

**Responsibilities:**

* Created **TypeScript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular.**
* Authenticated the API access from frontend using middleware **JWT**.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular.**
* Created services with **Angular** @injectable property, as to make the service available for dependency injection when creating components.
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks
* Used CSS preprocessor **SASS** to make CSS more efficient.
* Used **D3.js** for data visualization.
* Designed and developed CSS behaviours, CSS styles, CSS fonts, CSS buttons, Pseudo Classes, Pseudo elements in CSS.
* Integrated parts of the application with .**NET** based services for optimized backend operations.
* Collaborated with the **.NET** team for API development and integration, ensuring seamless data flow and system interoperability.
* Developed models to persist data in **MongoDB** using **Mongoose Driver**.
* Responsible for creating **RESTful** web services using NodeJS, ExpressJS for fetching the data, updating and storing in MongoDB database using mongoose.
* Utilized **.NET frameworks** for certain backend functionalities, enhancing the system's capabilities.
* Transformed the **Angular 2 response** using **Angular 2 observables.**
* Written code on **Typescrip**t and **ES6** to implement **Angular 2 Components**.
* Bundled and minified the JavaScript files using **Gulp**.
* Authenticated the API access from frontend using middleware **JWT**.
* Implemented token-based Authentication for API using **Jwt token.**
* Used Angular **Http** to communicate with API and used map, filter, subscribe in **Rxjs**.
* Created custom **pipes** using **angular 2** before displaying it to the user.
* Used **jasmine** and **karma** for unit testing and **mocha-chai** for functional testing.
* Written unit test scripts for controllers, filters and services using **TDD** as a part of agile approach.
* Developed in an Agile Team environment using **GIT**.

**Environment**: HTML/HTML5, CSS/CSS3, SASS, Bootstrap3, Typescript, Angular2/4, ExpressJS, NodeJS, D3.js, jQuery, MongoDB, Gulp, NPM, Jasmine, webpack, Karma, mocha-chai, JIRA.