**Srinivas**

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**SUMMARY:**

* 9+ Years of professional experience as a Front-End Developer and expertise in technologies like **HTML4/5, CSS2/CSS3, JavaScript, jQuery, Angular JS, Angular, Ionic, Node JS, JSON, AJAX, XML**.
* Experienced in **Angular, Typescript, JavaScript, AngularJS, Web API, RESTful services, Visual Basic, VBScript, HTML5, CSS3, Visual Studio.Net, Visual Studio Code, DB2 and MS Access.**
* Involved in various phases of **Software Development Life Cycle (SDLC)** i.e., **Analysis, Design, Development, Implementation, Testing** and User Training of Enterprise Web Applications, stand alone and Distributed applications.
* Developed **Single Page Applications** using Angular
* Developed **Single Page Applications** i.e., web applications using JavaScript MVC frameworks Such as **AngularJS, Angular**from starch, developed web pages for different device like Mobile, IPad, and desktop using **Responsive Web Design** and **Bootstrap**.
* Good Understanding of **Document Object Model (DOM)** and **DOM Functions**.
* Implemented **Pipes** to filter the **data** before displaying it to the user and Guards like, **canActivate, CanDeactivate** when the user tries to navigate from one route to a different route.
* Developed and used **Dependency Injection** by creating Reusable **Services**.
* Implemented **Angular services**to connect the web application to back-end APIs to POST/GET the data used in the application.
* Used **NgRx**library for state management of the application.
* Built **Angular Reactive Forms**, using **NgRx** for the data **store, actions, and side effects**
* Developed Responsive **Web designs** (RWD) using **Media Queries** and **Bootstrap**.
* Good in utilizing angular modules like **PrimeNG**, **multiselect**, **ngtooltip**, **rich text box**, **ng2Idle** etc.
* Involved in development of User Interface using **HTML/HTML5, CSS/CSS3, LESS, JavaScript**, and **jQuery, AJAX, JSON.**
* Good in using **Data Binding Controls (Dataset, Data Reader, Data Adapter, Grid View).**
* Experience in working with **RESTFUL Web Services** and implementing **RESTFUL API's.**
* Proficient at developing Single Page Application**(SPA)** with **AngularJS** controllers, directives, factories, services, routing, DOM manipulation using **JavaScript, jQuery** and **AngularJS**.
* In-depth knowledge of integration of **RESTful** Web Services, **HTTP** services and **Web services** with web applications.
* Experience working with **AWS** Technology
* Extremely skilled and efficient in building Web User Interface (UI) using **HTML4/HTML5, CSS2/CSS3, XHTML, JavaScript, jQuery, JSP, Bootstrap, AJAX, SVG, Bootstrap, XML, JSON, SOAP, REST API's.**
* Experience in creating test suites using **Jasmine, Karma and Protractor.**
* Expertise in **Angular 16,15,12/11/10/9** controllers, directives, components, factory and service resources, routings and events.
* Experience with cloud computing services Like **Amazon web services**.
* Experience working with Jenkins and setting up of CI/CD pipeline for code deployments to UAT and lower environments.
* Experience in **CSS** preprocessors such as **SASS** and **LESS**.
* Responsible for checking **Cross Browser Compatibility** and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google Chrome.
* Implemented **D3** **JavaScript** for the data manipulations into bar graphs, bar charts, pie charts, etc.
* Experienced with text and graphical editors such as **Notepad**++, **Adobe** Applications, and Microsoft Office.
* Solid working knowledge of **Object-Oriented analysis and design practices** (Object modeling, use cases, activity diagrams, and UML)
* Very good experience with **agile/SCRUM** development.

**TECHNICAL SKILLS:**

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| **Operating Systems** | Windows, Mac OS, Linux, UNIX. |
| **Scripting Languages** | Angular, React, JavaScript, jQuery, Knockout JS, Angular JS, React JS |
| **Databases** | SQL Server 2012/2008/2005, Oracle 9i/10g/11g |
| **UI Web Technologies** | Angular 2-16, HTML, HTML5, CSS3, React, React JS, Angular JS, JSON, XML, XSL, jQuery, SCSS, SASS, LESS, JavaScript, Typescript, ECMASCRIPT 6, AJAX, Node JS |
| **IDE and Tools** | Microsoft Visual Studio 2019/2017/2015/2013/2012, MS Office, Microsoft Visio, SQL Profiler, Toad, Visual Studio Code, Postman, Swagger, SOAP UI, IntelliJ, WebStorm |
| **Software Engineering** | Agile, SDLC. |
| **NoSQL** | MongoDB, CosmosDB |
| **Version Control Tools** | SVN, GIT |
| **Cloud Technologies** | AWS (Amazon Web Services) |
| **Misc Tools** | MS Office, Jira, Chrome Developer Tools, Adobe Flash CS3. |

**PROFESSIONAL EXPERIENCE:**

**Safeway Inc Sep 2022 – Till date**

**Role: Sr UI Developer**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, testing, deployment and support.
* Used Agile methodology for the software development (SCRUM).
* Developed web applications using the latest web technologies like HTML/ HTML5, CSS/CSS3, SCSS, JavaScript, jQuery, Bootstrap, Angular framework and AEM (CMS).
* Responsible for making the application responsive using bootstrap media queries.
* Created reusable templates and style sheets based on UI standards and guidelines.
* Designed and Developed sustainable web architecture using AEM and Angular Framework.
* Design and build components, templates, dialogs, and workflows using the AEM architecture (Sling, CRX, OSGI, JCR) and make changes to AEM forms, site content, assets, and workflow.
* Responsible for Managing and delivering the website’s content and assets (images, videos etc.) using Adobe Scene 7 and AEM DAM (Digital Asset Management).
* Designed and implemented server-side RESTful web services using Node.js, Express.js & MongoDB and handled communications to the client side (Angular) using JSON.
* Used Ajax to make asynchronous calls to fetch JSON data from the server.
* Used Angular framework (12, 15,16) to develop the Client-side SPAs (Single Page Applications).
* Created reusable components and services to consume RESTful API's using Component based architecture provided by Angular.
* Worked on various features of Angular like Routing, Data binding, Custom Pipes, Controllers, Filters, Templates, Events and Dependency Injections.
* Creating POC (Proof of Concept) for new concepts that we come across while developing the applications and documenting the same.
* Created flow charts for the complex code for ease of understanding the code.
* Used POSTMAN as a REST API client to test out the restful services.
* Responsible for client-side UI validation using JavaScript and jQuery.
* Implemented various Validation Controls for form validation and implemented custom validation controls using Object Oriented JavaScript.
* Worked extensively on various Accessibility issues to make the website fully ADA compliant and also responsible for assisting teams with ADA compliance web development efforts to resolve the accessibility issues.
* Performed Unit testing using Karma & Jasmine/Mocha and maintained high level of unit test coverage through test-driven development and used Gulp tool for build automation.
* Involved in the detailed documentation of the application including Technical Specifications, Unit Test Plan, Integration Test Plan and Implementation Plan.
* Configured S3 event triggers to automate backend processes using Lambda, streamlining data flow and reducing manual effort.
* Managed file storage and data processing using S3, ensuring secure and scalable storage solutions.
* Developed and maintained Lambda functions to handle backend logic, reducing the need for traditional servers and improving scalability.
* Used Lambda to automate tasks triggered by events, ensuring seamless data processing and workflow management.
* Implemented AppSync to create GraphQL APIs, enabling real-time data interactions between the frontend and backend services.
* Integrated AppSync with Lambda for dynamic data querying and efficient handling of business logic.
* Install and configure applications in development, testing, QA and production environments.
* Perform user training and knowledge transfer on the applications being developed.
* Used Git for version controlling and Jira as the bug tracking system to track and maintain the history of bugs/issues on an everyday basis.
* Participated in everyday SCRUM meetings to discuss ongoing projects and related issues.

**Environment**: HTML/HTML5, CSS/CSS3, SCSS, JavaScript, webpack, Babel, Bootstrap, jQuery, Node JS, Express JS, MongoDB, Angular, Java, AEM, Mocha, Jasmine/Karma, Gulp, Zeplin, NVDA, Soap UI/ POSTMAN, Ajax, JSON, XML, GitHub, Maven, Jenkins, Jira, Mac-OS, [diagrams.net](http://diagrams.net/), MS Office, Adobe Scene 7.

**Capital One - Dallas, TX March 2019 – Sep 2022**

**Role: Sr UI Developer**

**Description:** Capital One is a financial corporation providing services in services like credit cards, auto loans, banking and accounting. The aim of the project is to develop and manage web pages for Auto Loan Refinance Department under Auto loans to enable customers to submit their loan query in web page portal and save tons of money on Auto Loans. The web pages were built in Angular 8/9/11 frameworks, with extensive use of HTML5, CSS3, Typescript and my responsibility was to develop Angular 7/8/9 reusable web components that can be used across Capital One web portals and pages.

**Responsibilities:**

* Primary involved in development of the **Capital One Auto Refinance** Application for Automobile loan systems implemented as Single Page Application (SPA) using **Angular 11** framework.
* Extensively developed **Angular** web components that can be reused across web portals under **Auto Finance** Department along with other Capital One portals.
* Developed **reusable micro front ends** which could be used across other applications in Capital One.
* Initiated and **developed Jenkins CI/CD pipeline** for automated builds and continuous integrations across different environments.
* Good working knowledge of tracking tools **Jira**, **Bitbucket** and specialized in sprint management and backlog refinement.
* Expertise in functional and automation testing using **Selenium** framework. Developed and set up **Jasmine** and **Karma** for unit testing of Angular application and **integration** and **end-to-end** testing.
* Experience working in **Content Management Systems (CMS)** to dynamically render marketing content using reusable components in Angular and injecting services to servers.
* Good working knowledge of developing **widgets** and **app** modals from scratch.
* Implemented **angular** **elements** across the auto loan refinance portal as part of the SPA.
* Extensively used ES6 and incorporated Babel libraries into Angular frameworks.
* Developed powerful **Single Page Application** and dynamic responsive Web Application with **Angular 10**.
* Application was developed using **Agile** Methodology, that included iterative application development, weekly Sprints, stand up meetings, Followed Rally for tracking processes and streamlining **Agile** planning.
* Good working knowledge of repository management using **GITHUB** and **Bitbucket** tools.
* Built **Angular 11** components, **UI** services to consume rest services using Component based architecture provided by **Angular 5.**
* Used Typescript and its features such as static typing, classes and interfaces. Created **TypeScript** reusable **components and services** to consume **REST API's** using Component based architecture provided by **Angular 2**
* Worked Extensively with**Angular CLI** for creating **components, Services, pipes, Directives.**
* Used **Angular** directives like **ngIf** and **ngFor** used for validations for the input fields of the forms.
* Implemented **HTTP requests** using **RxJS** Observable library to handle multiple values over time.
* Used **NgRx** to maintain **session state**, user authentication and administrative access and functionality.
* Built reactive components to display data through dynamically built **Angular Reactive Forms**, using **NgRx** using the **data store, actions, and side effects** to update the database through **Services**, **Angular HTTP Client**, and **Restful APIs**and update the display of the front-end UI while minimizing http traffic.
* Worked with **Angular 8 APIs** that allows to create **custom build and deployment commands** using hooks into the familiar **ng build, ng test, and ng run commands**.
* Implemented real time monitoring dashboard, utilizing **RxJS Subjects** and **Observables**, making use of switchMap, withLastestFrom, race, skipWhile, forkJoin, and others.
* Enhanced application performance by **Angular 6** Component based development in view of future Angular framework transitions.
* Reactive development techniques with **NGRX/Redux**, clear understanding of state management
* Supported lazy loading and parameterization of passed data using the **Router module** packages including **ActivatedRoute**
* Cross Component communications using **@Output** and **@Input** decorators.
* Implemented **filtering, sorting and pagination** using third party tools and **Angular 7** framework.
* Perform **system** **design** and specification development, program logic and flow-charting, testing, debugging, and documentation.
* Worked **independently** and with **supervisory** review on moderate to highly complex programming tasks. Provides analysis of problems and recommends solutions.
* Responsible to Style, look and feel of the web page with **SASS** that extends **CSS** with dynamic behavior such as **variable**, **mixing**, **operations,** and **functions**.
* Used AWS Cloudfront and S3 for application hosting and pipeline deployments to S3 buckets.ß
* Used R53 records to connect the website domains to AWS Cloudfront..
* Implemented Lambda functions to support and Maintenance of the micro front ends.

**Environment:** HTML5, CSS3, SASS, Angular 7/8/9/10/11 framework, Typescript, Node.js, React.JS, Gulp, Bootstrap, D3.js, Jasmine, Karma, Jenkins, Stencil JS, Adobe, Adobe A/B testing, Agile, JavaScript, Bootstrap, XML, MVC Framework, AngularJS, Notepad++, IntelliJ, Visual Studio Code, AWS, Postman, SOAP UI, CMS, Selenium Automation, Puppeteer, AWS.

**Blue Cross Blue Shields - Boston, MA Aug 2017- Mar 2019**

**Role: Sr. Web Developer**

**Description:** BCBSMA is an insurance provider organization catering its healthcare and insurance services. The aim of the project was to develop a member portal My Blue Web 3.0 which allows BCBSMA members to login into their account on the portal and access their insurance related data like Medications, Doctors, Claims, Plan and Benefits, Co-insurance, and Deductibles, etc. The portal for My Blue Web 3.0 was built on Angular 5 framework implementing HTML5, CSS3 and Typescript features extensively.

**Responsibilities:**

* Responsible for creating efficient design and developing User Interaction screens using **HTML5 (new tags like audio, video, canvas) CSS3, LESS, JavaScript, jQuery, AJAX, JSON**.
* Used **JavaScript**, **jQuery** for user interactions in pages.
* Developed powerful **Single Page Application** and dynamic responsive Web Application with **Angular 5**.
* Application was developed using **Agile** Methodology, that included iterative application development, weekly Sprints, stand up meetings, Followed Rally for tracking processes and streamlining **Agile** planning.
* Built **Angular** components, **UI** services to consume rest services using Component based architecture provided by **Angular 5.**
* Developed the components using **Angular** needed for the application from the scratch and customizing from various Angular related libraries to meet the application's functionality.
* Used Typescript and its features such as static typing, classes and interfaces. Created **TypeScript** reusable **components and services** to consume **REST API's** using Component based architecture provided by **Angular 2**
* Worked on creating responsive websites for smart devices using **responsive design and media queries.**
* Used **JSON** for storing and exchanging information between browsers and servers.
* Using complex **Object-Oriented concepts** in improving the performance of the websites.
* Worked closely with the SQA team in **fixing the reported bugs**/defects and **checking cross platform compatibility.**
* Using **Angular 4,** we created **custom directives** for reusable components (multi-field form elements, background file uploads, etc.).
* Made extensive use of promises in **Angular 4** for application control flow.
* Designed and added **custom UI** Themes to the web page using **Sass** instead of inline- styles or Less.
* Achieved reduced coupling when notifying application of events by using **RxJS Behavior** Subject.
* Used **D3Js** making use of **front-end development** standards for developing interactive and dynamic visualizations.
* Used **Type Script** to minimize errors and Unit tests and features like Auto complete which makes APIs more discoverable.
* Active participation throughout the **entire software development lifecycle** from project inception, to code development and elaborate testing of the various modules.
* Used **agile methodology** for the software development.
* Defined the application’s user interface using **HTML through Angular.**
* Responsible for authoring website functionality with **JavaScript, HTML, CSS, LESS.**
* Used **Jasmine** to test the front-end code and run unit tests by **Karma**.
* Been an **active team player**, helped in fixing bugs and carried out **troubleshooting**.
* Produced semantically appropriate, standards compliant markup, and **produced Rich User Interfaces.**

**Environment**: Angular 4.0, Angular 5.0, D3.js, HTML5, CSS3, JavaScript, AJAX, JSON, Node.js, Jasmine, Karma, SASS, Materialize CSS, Bootstrap, jQuery, WebStorm, Visual Studio, TFS, Agile, Typescript, IntelliJ, Visual Studio Code, Angular Material, Resolvers, Interfaces.

**Toyota – Torrance, CA Jan 2016 - Jul 2017**

**Role: UI Developer**

**Description:** Toyota is one of the largest automobile parts manufacturer and supplier that is committed to provide its manufactured goods and automobiles globally. The aim of the project was to develop an employee portal for data analytics relating to a system that allows employees to navigate in the web application among interconnected grids. The website was built on Angular 2 framework and uses JavaScript, jQuery and Ajax features extensively.

**Responsibilities:**

* Working closely with graphic design and user experience teams to ensure industry standards and best practices are being used across all client applications.
* Creating dynamic web pages using **HTML/HTML5, CSS/CSS3, LESS, jQuery, JavaScript**.
* Responsible for creating efficient design and development of responsive UI using with **AngularJS, HTML5, CSS3, JavaScript, MEAN stack (MongoDB, Express, and Node JS).**
* Extensively used **Angular JS, JavaScript and jQuery** to provide UI functionality.
* Extensively used **CSS (Cascading Style Sheets), LESS** along with RWD to apply different styles to the layouts for varying screen sizes and pixels.
* Involved in developing **HTML and JavaScript** for client-side presentation and data validations within the forms.
* Used **AngularJS** to develop a standalone test application, in the scope of future usage of the framework.
* Worked on **jQuery** to make drop-down menus on web pages and display part of a web page upon user request.
* Integrated backend services using **REST API's (web API)** with identity Database.
* Fixing front end defects **(HTML, CSS, LESS, JavaScript errors), testing, Unit testing.**
* Worked on code cleanup using code quality tools like **CSS Lint and JSLint.**
* Testing front-end code in multiple browsers to ensure **cross-browser compatibility.**
* Used **Jasmine** to test the front-end code and run unit tests by **Karma**.
* Coordinated with the business on **User Acceptance Tests** (UAT) and to get approval from the business on the design changes.
* Used Bower, and **NPM** for scaffolding the application.
* Debugging the code using browser tools like Firebug.
* Used **Quality Center (QC)** for defect tracking.
* Involved in preparing User Manuals to better understand different functionalities.

**Environment:** Angular 2.0/4.0, Visual Studio Code, AJAX, HTML/HTML5, CSS/CSS3, Bootstrap, JavaScript, Angular JS, Usability Testing, Agile methodology, HTML, CSS, JavaScript, jQuery, Angular.js, node.js, GULP, GRUNT, Node.js, Dreamweaver CS6, JSON, BSON, REST, Photoshop CS6, HTML5, CSS3, JavaScript, SASS, AJAX, JSON, XAMPP, SQL Server, SVN, Win Merge.

**EDUCATIONAL QUALIFICATIONS:**

**Masters:**

Master of Science in Computer Science

Northwestern Polytechnic University, California

**Bachelors:**

Bachelor of Technology in Computer Science and Engineering

Jawaharlal Technological University (JNTU), Hyderabad, INDIA