**LAKSHMI DEEPAK REDDY**

**EMAIL-** lakshmi.deepaktech@gmail.com **/ Phone - (903) 251-6390**

|  |
| --- |
| *Professional Summary* |

* Accumulated over 10+ years of professional expertise as a Frontend Developer, proficiently navigating through various Angular versions from Angular 2 to the latest Angular version 17, alongside AngularJS.
* Demonstrated adeptness in client interaction, fostering effective teamwork and collaboration.
* Applied skills in JavaScript frameworks such as Bootstrap, Backbone JS, and Angular JS throughout projects.
* Crafted custom directives and filters in AngularJS, contributing to the customization of applications.
* Exhibited proficiency in Responsive Web Design (RWD), ensuring seamless user experiences across different devices.
* Engineered Single Page Applications using Angular 2 and Node.JS, integrating cutting-edge technologies for robust web solutions.
* Leveraged expertise in React.js and Node.js to enhance web design effectiveness and functionality.
* Contributed across all stages of product development, from initial product definition to architecture and execution.
* Utilized Bootstrap, AngularJS, and Node JS effectively in web design endeavors.
* Specialized in developing web applications adhering to Web 2.0 standards, leveraging Angular JS Framework CSS and Bootstrap.
* Employed Angular built-in directives, custom directives, and services to create intricate UI components and features.
* Proficiently developed Web Applications using HTML, CSS, JavaScript, and various frameworks including Angular, Node.js, and React.
* Demonstrated ability in deploying multi-tiered web-based enterprise applications using a range of technologies including Angular, React, Vue, Express, and EXT.js.
* Proficient in handling applications with high traffic, ensuring optimal performance and scalability.
* Skilled in utilizing SASS and Maven for efficient development and project management.
* Possessed in-depth expertise in frontend single page application development using Angular and other open-source frameworks.
* Extensively developed professional User Interactive (UI) components for web applications using HTML, JavaScript, jQuery, and CSS.
* Engineered scalable applications using JavaScript and Angular, ensuring robust performance and user experience.
* Enhanced existing CSS and DIV tags, implementing upgrades using the Twitter Bootstrap model for improved aesthetics and functionality.
* Specialized in client-side scripting and application synchronization using Angular, collaborating with various application servers and web tiers.
* Proficient in creating and consuming Restful web APIs using node.js and Express, seamlessly integrating them into Angular applications.

|  |
| --- |
| *Skill Set* |

* **Proficiency in Angular Framework:** A deep understanding of Angular framework concepts, including components, modules, services, directives, pipes, and routing.
* **HTML/CSS:** Strong knowledge of HTML5 and CSS3 for creating responsive and visually appealing user interfaces.
* **JavaScript/TypeScript:** Proficiency in JavaScript and TypeScript, including knowledge of ES6+ features, to build interactive and dynamic web applications.
* **Angular CLI:** Experience with Angular Command Line Interface (CLI) for project scaffolding, code generation, and building optimized production bundles.
* **Component-Based Architecture:** Ability to design and implement modular, reusable components following Angular best practices and design patterns such as smart vs. dumb components.
* **HTTP and RESTful APIs:** Experience in integrating Angular applications with backend services using HTTP client module for making requests to RESTful APIs.
* **RxJS:** Understanding of reactive programming principles and experience with RxJS library for handling asynchronous operations, event handling, and data streams.
* **State Management:** Familiarity with state management libraries like NgRx or Akita for managing application state in large-scale Angular applications.
* **Unit Testing:** Proficiency in writing unit tests using Jasmine or Karma for testing Angular components, services, and other application modules.
* **End-to-End Testing:** Experience with end-to-end testing using tools like Protractor or Cypress to ensure application functionality and user interactions.
* **Version Control:** Proficiency in version control systems like Git for collaborative development and code management.
* **Webpack or Angular CLI Build Optimization:** Knowledge of build optimization techniques such as tree shaking, lazy loading, and AoT (Ahead-of-Time) compilation for improving application performance.
* **Responsive Design:** Understanding of responsive web design principles and experience in building responsive layouts using CSS frameworks like Bootstrap or Flexbox.
* **Cross-Browser Compatibility:** Ability to ensure cross-browser compatibility and optimize performance across different browsers and devices.
* **Debugging and Performance Optimization:** Proficiency in debugging Angular applications using browser developer tools and optimizing application performance for faster rendering and improved user experience.
* **Continuous Integration/Continuous Deployment (CI/CD):** Experience with CI/CD pipelines for automating build, test, and deployment processes of Angular applications.
* **Agile Methodologies:** Experience working in Agile development environments, participating in sprint planning, stand-up meetings, and delivering iterative releases.

|  |
| --- |
| *WORK EXPEREINCE* |

 ***Senior Frontend Developer - January 2021 – Present***

**Client:** AMN Health Care

**Location:** Remote

* Spearheaded the transition of testing methodologies towards a continuous and efficient end-to-end quality engineering function, implementing quality processes, tools, and methodologies to significantly enhance control, accuracy, and integrity.
* Innovated predictive and intelligent testing approaches leveraging automation and cutting-edge testing products to drive efficiency and effectiveness.
* Integrated Angular 17 applications with various backend technologies like Node.js, RESTful APIs, or GraphQL for seamless data exchange.
* Followed best practices for accessibility by developing WCAG-compliant Angular 17 components for an inclusive user experience.
* Utilized front-end build tools like Webpack and Babel to optimize the build process for Angular 17 applications.
* Developed a web application using Angular 16 for the front-end, seamlessly integrating with Web API to facilitate data exchange with the back-end.
* Employed optimization techniques in Angular 15 applications to boost performance, including implementing lazy loading modules and utilizing AOT (Ahead-of-Time) compilation.
* Demonstrated proficiency in making HTTP requests and managing responses using Angular's V15 Http Client module.
* Crafted responsive web applications utilizing Angular14, capitalizing on its TypeScript-based framework for robust front-end development.
* Engineered reusable and modular components within Angular's component-based architecture, enhancing code maintainability and scalability.
* Implemented Angular routing to enable seamless navigation and facilitate multiple views within the application.
* Spearheaded the configuration of Angular 14 with Oauth2 framework to fortify user interface development.
* Orchestrated the development of complex front-end web apps using Angular 13, contributing to application architecture and the creation of user interface components.
* Implemented and maintained centralized state management using Ngrx Store, ensuring data integrity and consistency across Angular applications.
* Developed an Email Notification service using .NET 6, C#, RabbitMQ as a message broker, and Mass transit for SendGrid integration.
* Built RESTful APIs and microservices using C# and .NET Core for seamless component communication.
* Leveraged Ngrx Effects to handle side effects effectively, ensuring a streamlined separation of concerns within Angular applications.
* Led the development of Cardio Net medical application, facilitating cardiogram recording and transmission to clinic front desks.
* Developed single-page applications (SPAs) using Angular 13, Angular Material, HTML, CSS, and JavaScript, enhancing user experience with custom directives, components, filters, and services.
* Implemented state management in Angular applications using NgRx, a Redux-inspired library for managing application state.
* Designed and implemented feature modules with NgRx, organizing state management logic into reusable and composable units.
* Leveraged NgRx selectors to efficiently query and derive slices of state from the store, optimizing application performance and reusability.
* Integrated NgRx with Angular components and services, enabling seamless data flow and interaction between the presentation layer and the application state.
* Integrated Cordova plugins within Ionic apps to access native device features, augmenting app functionality with capabilities such as camera, GPS, and push notifications.
* Employed client-side validations using jQuery to alleviate the load on IIS Server, optimizing performance and enhancing security features.
* Implemented JWT Token based authentication to secure the ASP.NET Web API and provided
* authorization to different users.
* Utilized AWS S3 for scalable and cost-effective storage solutions, with Python scripts for data upload, download,and management.
* Designed and implemented APIs using AWS AppSync to provide flexible and scalable data access for web and mobile applications.
* Developed real-time data synchronization features with AWS AppSync subscriptions, enabling instant updates and notifications to clients.
* Implemented resolvers and data sources in AWS AppSync to fetch data from various backend systems, such as DynamoDB, RDS, and Lambda functions.
* Integrated AWS AppSync with AWS Lambda to execute serverless functions in response to GraphQL queries and mutations.
* Leveraged Azure Cosmos DB's multi-model capabilities to store and process various types of data including documents, key-value pairs, graphs, and columnar data.
* Enhanced application performance through Angular 10 Component-based development, aligning with future Angular framework transitions.
* Executed client-side validation using Angular 10, ensuring data integrity and user experience consistency.
* Successfully migrated an application from Angular 5 to Angular 10, ensuring compatibility and leveraging the latest features and improvements.
* Developed Angular 9 custom services for dependency injection, streamlining application architecture and promoting code reusability.
* Optimized code for reusability using Decorators and injected services within Angular 10 Components, enhancing maintainability and scalability.
* Utilized RxJs observables for HTTP requests, facilitating seamless communication between server and client within Angular 9 applications.
* Collaborated on the analysis of business requirements, contributing to technical design, development, and testing across assigned modules.
* Demonstrated proficiency in AWS services including Lambda, S3, EC2, EB, Cloud Front, SNS, Dynamo DB, and Docker Containerization.
* Integrated DynamoDB with AWS Lambda to execute serverless functions in response to DynamoDB events, such as inserts, updates, and deletes.
* Led the development of a real-time location-sharing web application, ensuring cross-device compatibility and seamless user experiences.
* Applied expertise in HTML5, CSS3, and JavaScript for core technologies in Cordova app development, ensuring compatibility and performance across platforms.
* Integrated third-party libraries and plugins to extend app functionality within Ionic applications, enhancing user experiences and feature sets.
* Used Swagger to test ASP.NET CORE WEB APIs.
* Worked with advanced concepts of ASP.NET MVC 5 such as Models and Providers, Filters
* Collaborated on Angular 7/8/9 projects, contributing to the creation of components, directives, pipes, and services.
* Updated applications with new features and improvements introduced in Angular 8/9, ensuring compatibility and leveraging the latest advancements in the framework.
* Employed JavaScript libraries and widgets for application functionality, ensuring seamless integration with backend systems and optimal user experiences.
* Developed user-friendly UI designs with HTML, CSS, and JavaScript, ensuring efficient client-side validation and form submission functions.
* Utilized Node JS, Angular JS, and MVC Frameworks in web application development, enhancing scalability and maintainability.
* Implemented Model Driven Forms for enhanced control and validation of user input data, ensuring data integrity and security.
* Collaborated with application architects and backend developers on JSON API design, ensuring optimal performance and data integrity.

 ***Senior Frontend Developer - December- 2018 to December 2020***

**Client:** M&T Bank

**Location:** San Jose, CA

* Actively engaged in client discussions and embraced Agile/Scrum methodology, contributing to 3-week sprints and participating in daily Stand-up Meetings, Status Meetings, Backlog Meetings, and Code Review Meetings.
* Demonstrated proficiency in Angular 8, employing various custom directives and crafting reusable components and templates across applications.
* Led a project focused on migrating the UI of an application from Angular 2 to Angular 8/9, applying advanced techniques and best practices.
* Implemented robust authentication flows using AWS Cognito, seamlessly integrating them with Flutter apps to ensure secure user registration, login, and access control.
* Leveraged Angular libraries such as angular-ui-router and angular-resource to develop powerful single-page applications, with angular-storage utilized for temporary data storage.
* Spearheaded the development and support of internal and public mobile applications using the Ionic framework atop Angular 8/9.
* Maintained .NET applications, ensuring alignment with industry standards and coding practices while leveraging C# programming language.
* Implemented blue-green deployments and canary releases for AWS Lambda functions to minimize downtime and ensure smooth updates.
* Managed and monitored AWS Lambda functions using AWS CloudWatch Metrics and Alarms, tracking metrics such as invocation count, error rate, and duration.
* Designed and optimized scalable database solutions using Microsoft SQL Server, focusing on enhancing query performance and data retrieval efficiency.
* Integrated third-party APIs and services into .NET applications to facilitate seamless data exchange and communication between systems.
* Designed and implemented backend services and APIs using C# and ASP.NET, ensuring robustness, security, and maintainability.
* Design and develop Web Applications using ASP.NET MVC 5 and C# that are used by internal users.
* Worked with ASP.NET Web Forms, Web Services, and State Management, caching features, configuring optimizations and securing the web application.
* Implemented NgRx state management into feature modules, promoting modular organization and scalability of state logic across application segments.
* Synchronized Angular Router state with NgRx Store to centralize navigation state representation within the application.
* Utilized NgRx effects to handle side effects such as HTTP requests, asynchronous operations, and external data sources, ensuring a clean and maintainable codebase.
* Implemented NgRx router integration to manage application routing and navigation state, synchronizing UI state with the application's URL.
* Developed custom native elements in Angular 6 for use in any web application, extending metadata search and lineage features enterprise-wide.
* Crafted application-level code to interact with APIs and RESTful Web Services, leveraging AJAX and JSON for data retrieval and manipulation.
* Implemented RESTful APIs using ASP.NET Web API or ASP.NET Core Web API, enabling seamless communication between client-side and server-side components.
* Upgraded applications to Progressive Web Applications using Angular 5+ and CLI, enhancing offline support and application load time through ngsw-manifest. json and manifest file creation.
* Configured Cordova plugins to access native device features, enriching application functionality.
* Engineered APIs using AWS Lambda for server management and code execution within the AWS environment.
* Skillfully leveraged REST clients like POSTMAN and Swagger UI for API testing and documentation, respectively.
* Employed Jenkins for build processes, including rpm-build generation, and maintained version control via GitHub.
* Integrated interceptors into Angular 8/9 applications to enhance HTTP request and response handling.
* Utilized Grunt, a Node.js NPM module, to execute tasks and ensure proper project compilation, minification, and concatenation.

 ***Angular Developer - January 2016 – November 2018***

**Client:** Walmart

**Location:** Bentonville, Arkansas

* Participated in Agile-Scrum development by creating and estimating stories in JIRA for sprints, contributing to the design process.
* Developed user interfaces for applications using Angular (versions 2 to 6), HTML5, SCSS, and JQuery.
* Optimized and migrated web frameworks from AngularJS to Angular 2/Typescript.
* Designed and implemented reusable Angular 4 components, including layout management.
* Led requirement analysis, design, and development of UI, emphasizing powerful single-page web application building with Angular 4.
* Participated extensively in UI/UX processes, including research, analysis, design, prototyping, testing, and iterations.
* Developed web applications with Angular 4/5 front-end and Web API back-end, facilitating data communication.
* Implemented Bootstrap elements for enhanced web functionality and appearance.
* Utilized @Input and @Output to transfer data between parent and child components.
* Successfully integrated REST APIs using XML and JSON, adhering to WCAG 2.0 and W3C standards.
* Managed user permissions and optimized MongoDB database for transactional purposes, incorporating single sign-on features.
* Developed and maintained NgRx store, actions, reducers, and effects to manage complex application states in a predictable and efficient manner.
* Utilized AWS Amplify SDK to interact with AWS AppSync from client applications, simplifying API integration and management.
* Implemented offline capabilities with AWS AppSync and AWS Amplify DataStore, allowing applications to function without a network connection and sync data when online.
* Configured caching and pagination in AWS AppSync to optimize API performance and reduce data transfer costs.
* Ensured data security and authentication with AWS AppSync built-in authentication modes, including API keys, Amazon Cognito, and IAM roles.
* Implemented unit tests for NgRx effects and reducers using Jasmine and Jest, ensuring state management reliability.
* Implemented Route Guards for Authentication and used HTTP in Services to connect with Web API URLs.
* Coordinated with software developers for module modifications and supported the Testing Team on bug fixing.
* Created animated webpages using @angular/animations in Angular 4.
* Utilized Maven for build and GIT for version control.
* Developed web applications using ASP.NET MVC or ASP.NET Core, implementing server-side logic, routing, and authentication features in C#.
* Integrated third-party libraries and frameworks into C# projects to leverage existing functionality and accelerate development.
* Conducted unit testing and end-to-end testing of NgRx-related code using tools like Jasmine, Karma, and Protractor, ensuring robustness and reliability of state management logic.
* Generated Angular 4 parent and child components using the angular-cli command ng g component.
* Leveraged Angular 4/5 features such as data binding, custom pipes, routing, directives, and dynamic binding.
* Employed Angular 4/5 services like Http for fetching data from RESTful APIs.
* Utilized HTML5, CSS3, Angular 4, Typescript, Bootstrap, and less for responsive design and preprocessing.
* Integrated server-side functionalities and fetched data from web services.

 ***UI Developer - October 2012 – December 2015***

**Client:** Amazon

**Location:** McLean, VA

* Designed and crafted user-friendly interfaces with AngularJS, ensuring responsiveness and ease of use.
* Translated UI/UX designs into robust code structures, employing AngularJS components for seamless integration.
* Employed AngularJS directives and templates to create visually appealing and intuitive layouts.
* Collaborated closely with UI/UX designers to ensure AngularJS applications delivered seamless user experiences.
* Integrated AngularJS with RESTful APIs, enabling dynamic data fetching and display on the user interface.
* Implemented AngularJS animations to enhance user interactions and provide visual feedback.
* Ensured data integrity and user input correctness through effective form validations and error handling.
* Optimized AngularJS applications for enhanced performance and compatibility across different browsers.
* Conducted usability testing and incorporated user feedback to refine AngularJS application designs.
* Utilized AngularJS Material Design components to maintain consistency and modernize UI elements.
* Fostered code maintainability and scalability by developing reusable AngularJS components and services.
* Established smooth navigation experiences by implementing routing in AngularJS applications.
* Enhanced functionality by integrating third-party libraries and plugins seamlessly with AngularJS.
* Managed codebase efficiently using version control systems like Git and collaborated effectively with other developers.
* Kept abreast of the latest UI/UX trends and AngularJS development best practices.
* Provided mentorship and technical guidance to junior developers in AngularJS UI/UX development.
* Actively participated in Agile ceremonies such as sprint planning, reviews, and retrospectives for AngularJS projects.
* Ensured inclusivity by conducting accessibility audits and implementing WCAG standards in AngularJS applications.
* Developed custom AngularJS directives to create intricate UI components and interactions.
* Documented UI/UX design patterns and AngularJS development best practices for reference.
* Created responsive layouts adaptable to various screen sizes, enhancing user experience on AngularJS applications.
* Facilitated seamless integration between frontend UI and backend APIs in AngularJS applications by collaborating with backend developers.
* Implemented performance optimizations like lazy loading and code splitting in AngularJS applications for improved efficiency.

|  |
| --- |
| *Education Qualification* |

***BS in CS From RGPV Bhopal, India 2012***