**PARTH SHAH**

***Sr. UI/Frontend Developer***

**PROFESSIONAL SUMMARY:**

* Experienced Software Engineer (Front-end) with almost 9 years of experience in Front-end development.
* Proven track record in designing, developing, and maintaining high-quality software solutions.
* Strong expertise in various programming languages and frameworks.
* Seeking challenging opportunities to utilize my skills and contribute to the success of innovative software projects.

**SKILLSET:**

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| **Front-End** | : **Angular** (JS, 2+)-, React, HTML5, CSS, SCSS, and Preprocessor (SASS), AJAX, WCAG, Bootstrap, Material-UI, HighChart.js, html2pdf.js, day.js, jQuery, Graph Ql, Mono Repo, **NgRx**, **RxJS**, redux, reducers, Observables, Promises, JSX, Adobe Photoshop, Adobe Illustrator, Figma. |
| **Languages** | : Typescript, JavaScript, Python, R, C#, C/C++, Scala, SQL | IDEs / OS: Eclipse, Atom, Brackets, Visual Studio, VS Code, NetBeans, WebStorm, Notepad++, Linux, Windows, MacOS, IDEs: Eclipse, Atom, Brackets, Visual Studio, VS Code, NetBeans, WebStorm, Notepad++, and Operating Systems (Linux, Windows, MacOS) |
| **Technical Skills** | : Version Control tools (Git, GitHub, GitLab, Bitbucket), CI/CD tools (Jenkins, CircleCI, Bamboo, Azure Pipelines), Agile Tools (Jira, Trello, Azure Boards), Testing Tools (Karma, Jest, Jasmin, JUnit), Microsoft Office Applications |
| **Soft Skills** | : Communication skills, analytical skills, problem-solving abilities, teamwork and collaboration, attention to detail, creativity and innovation, leadership skills, and critical thinking |
| **Hard Skills** | : Object-Oriented Programming (OOPs), Debugging, Software Development Life Cycle (SDLC), Technical Writing, Unit Testing, Code Review, Mentorship, Design Pattern, Troubleshooting |

**EDUCATION DETAILS:**

* Master in Science (M.S) in Computer and Information Science

Minor in Software Engineering, Artificial Intelligence • State University of New York, Polytechnic Institute • Utica, NY

* Bachelor of Science in Instrumentation

Minor in Electronics • Sardar Patel University • Gujarat, India

**PROFESSIONAL EXPERIENCE:**

**InMoment Inc – South Jordan, UT October 2021 – Present**

**Sr. Front-end Developer (Angular)**

* Spearheaded the development and maintenance of a multi-platform, cross-browser SaaS Web Application, driving product transformation into a core component within the suite of applications and boosting sales by 70%.
* Engineered a user-friendly dashboard using HighCharts.js, reducing financial risk insights retrieval time by 30% and enhancing data visualization accuracy for financial analysts.
* Demonstrated proficiency in Angular framework, including a deep understanding of core concepts, components, services, dependency injection, and state management.
* Implemented **Angular15,16,17** to manage local state within components, handling form inputs, toggling UI elements like modals/dropdowns, and storing user interaction states.
* Collaborated and Developed reusable embedded components for **Angular** using the React framework to create a uniform application experience for the users.
* Using NgRx Redux to manage global states like user authentication status, theme preferences, and language settings, making them accessible across various components.
* Developed the Category Management feature in the **Angular** framework, leveraging GraphQL, **NgRx**, and reactive forms for enhanced functionality and performance.
* Developed reactive forms with **Angular** and **RxJS**, leveraging Observables and operators to manage complex asynchronous data streams and enhance user experience
* Implemented reactive programming in **Angular** applications using **RxJS**.
* Built reusable and maintainable custom **Angular** components, directives, and services to streamline development processes and maintain code consistency.
* Utilized **RxJS** observables for handling asynchronous data streams, making the application more efficient and responsive to user interactions.
* Accelerated a gradual migration of the **Angular** version replacing deprecated libraries and dependencies in Monorepo resulting in boosted performance of 20% and increased application security.
* Developed comprehensive unit tests for **Angular** components and services using Jasmine and Karma, ensuring code reliability and reducing the risk of defects.
* Utilized **Angular**, HTML5, CSS3/SCSS, RESTful API, GraphQL, and various JavaScript libraries to craft the application, ensuring seamless functionality on diverse platforms.
* Led end-to-end front-end development phases, including analyzing requirements, defining visual and functional specifications, and translating UX wireframes' visual presentation into responsive UI components.
* Proven ability to architect, deploy, and manage Angular applications on AWS, with a strong emphasis on Fargate for container orchestration.
* Achieved a significant increase in client base in Global Markets by ensuring software compliance with international standards in 40+ languages and adhering to WCAG 2.0 AA web standards.
* Developed and implemented reusable components using **Angular** for In-house design and UI library, enhancing efficiency and reducing duplication across multiple applications.
* Collaborated with a UX designer to create robust, responsive, intuitive, and visually appealing user interfaces, increasing user engagement by 20%.
* Utilized Agile methodologies to increase Continuous Integration/Continuous Deployment (CI/CD) process efficiency, resulting in a 20% reduction in time taken from feature planning to deployment.
* Collaborated with cross-functional teams to seamlessly integrate GraphQL, ensuring smooth communication between backend and frontend systems.
* Leveraged AWS Fargate to deploy and scale Angular applications efficiently, ensuring optimal resource utilization.
* Solid understanding of Node.js for backend interactions or complementary development tasks.

**ENVIRONMENT:** **Angular, Node.JS,**  React, Monorepo, Nrwl, NPM, Typescript, JavaScript ES6, **NgRx**, **RxJS**, Redux, Reducers, AgGrid, HTML5, CSS3 / SCSS, GraphQL, Observables, HighchartJS, GIT, JIRA, Agile, Sentry, Bamboo CI, RESTful API, AWS Fargate.

**FedEx – Memphis, TN August 2019 – October 2021**

**Front-End Developer (Angular)**

* Designed and developed user interaction screens utilizing Front-end technologies such as HTML5, CSS3, JavaScript, Bootstrap, **Angular** 7/8/9, and **NGRX**, resulting in a 20% improvement in user engagement metrics.
* Developed and optimized a web application to a responsive layout using CSS3 and preprocessors such as SASS, resulting in a 20% increase in user engagement.
* Developed libraries to enhance **Angular** functionalities, such as components and services, resulting in a 15% increase in UI responsiveness.
* Implemented state management solutions using **RxJS** subjects and operators, optimizing the performance and scalability of **Angular** applications
* Created custom **RxJS** operators to streamline data transformation and manipulation processes, improving code readability and maintainability in **Angular** projects.
* Utilized **Angular** CLI to efficiently install necessary node modules for developing components, services, pipes, and directives within the UI development team.
* Fine-tuned **Angular** change detection mechanism by implementing lifecycle hooks change detection strategy to improve performance in complex applications.
* Using **NgRx** store for reactive state management for **Angular** UI with Redux
* Developed **Angular** custom pipes to transform data, resulting in a 20% increase in data rendering efficiency.
* Implemented version control best practices to streamline the migration and enhance overall project scalability and maintainability.
* Leveraged the **Angular** 8 Element Package to develop and deploy an **Angular** component, enabling integration as a web component across diverse HTML pages, independent of **Angular** framework usage.
* Implemented new features and resolved issues in **Angular** 8, including the IVY engine for incremental DOM, resulting in a 20% improvement in rendering efficiency.
* Created 50+ test scenarios using Jasmine and Karma to ensure the smooth functioning of user interfaces.

**ENVIRONMENT:** **Angular**, React, HTML5, CSS3, SASS, JavaScript, AJAX, JSON, Restful APIs, **Angular**-CLI, Typescript, Node.js, Bootstrap, GIT, JIRA, Agile, Karma/Jasmine, Webpack, Visual Studio Code, Azure Dev Ops Pipeline.

**Farmers Insurance – Los Angeles, CA July 2018 – July 2019**

**UI Developer | Front-end Developer**

* Developed Single-Page Applications (SPA) incorporating HTML5, CSS3, SASS, JavaScript, TypeScript, Bootstrap, Google/**Angular** Material, and **Angular** 4/6.
* Collaborated with a cross-functional team to oversee the web application, enhancing user interface (UI) elements, and providing suggestions resulting in a 20% increase in user engagement.
* Created custom directives for DOM manipulation, and custom services for data sharing in sibling components for reusability in **Angular** 4.0.
* Developed scalable **Angular** applications utilizing **NgRx** for state management
* Utilized **NgRx** DevTools and **RxJS** operators to debug and optimize state management workflows, ensuring a robust and responsive user experience.
* Utilized advanced **Angular**4 functionalities, including Ahead-Of-Time (AOT) Compilation, Lazy Loading, and Tree Shaking, to optimize application performance and loading times.
* Leveraged technical skills in JavaScript, **RxJS**, and asynchronous programming to create efficient and responsive UI components.
* Hands-on working experience for this project on **Angular**4/6 framework NgModule, components, observables, and AUTH-guards.
* Utilized **RxJS**’s debounce, throttle, and switchMap operators to handle high-frequency user input and API requests efficiently in **Angular** applications.
* Leveraged **Angular** 4 to streamline the process of calling back-end data from RESTful Web services, enhancing overall performance and user experience on UI platforms.
* Implemented agile SCRUM methodologies utilizing TEST DRIVEN DEVELOPMENT (TDD) to increase software development efficiency by 25%.
* Utilized Git version control system to efficiently manage codebase, resulting in a 20% reduction in deployment errors.

**ENVIRONMENT:** **Angular**, HTML5, CSS3, JavaScript, Bootstrap, JSON, AJAX, SQL, Jasmine, Karma, GIT.

**VyaNax Solutions Pvt. Ltd – India November 2015 – December 2017**

**Front-end Developer**

* Facilitated design review process for client application to enhance UI outcomes, resulting in a 20% increase in user engagement.
* Implemented code according to coding standards and Created **Angular**JS Controller, which isolates scopes and performs operations. Developed custom directives (elements, Attributes, and classes) and services and implemented two-way data binding in **Angular**JS.
* Conducted unit testing on **Angular** applications using testing tools Karma and Jasmine, ensuring a 15% increase in code quality, and identifying critical bugs early in the development cycle
* Collaborated with cross-functional teams to ensure timely updates to website content, resulting in a 15% improvement in website performance metrics.
* Created secure web applications utilizing client-side scripting languages including JavaScript, JQuery, and DOM scripting, resulting in a 30% increase in user engagement.
* Implemented JavaScript DOM manipulation to validate input values, resulting in a 20% decrease in server submission errors.
* Utilized technical skills in jQuery, HTML, CSS, and responsive design principles to optimize website compatibility and performance on various devices.
* Utilized the Ajax method to interact with the RESTful web API for seamless data integration and retrieval within the front-end interface.
* Analyzed project requirements to create User Requirement Specifications (URS) and Functional Requirement Specifications (FRS), enhancing understanding for designers and developers.

**ENVIRONMENT:** **Angular**JS 1. X, HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, MongoDB, Apache, Jasmine, Karma.