**AMRITANJALI**

**Location: Boston, USA**

**408-757-0080**

***Professional Summary:***

Frontend Engineer with over 9 years of experience delivering enterprise-quality UI applications. Specialized in **Angular (17.0/12.0/10.0/9.0/8.0/7.0/6.0/5.0/2.0)** and **AngularJS**, showcasing advanced proficiency in **JavaScript (ES6+)**, **TypeScript**, **webpack**, **Jasmine**, **Bootstrap**, **Responsive** **Design**, **HTML5**, **CSS3**, and **SASS**. Adept at employing **Document Object Model (DOM)** Functions and ensuring cross-browser compatibility.

***Technical skills:***

* **Front-end technologies:** Angular (17.0/12.0/10.0/9.0/8.0/7.0/6.0/5.0/2.0), Advanced JavaScript (ES6+), TypeScript, webpack, Jasmine, Bootstrap, Responsive Design, HTML5, CSS3, SASS
* **Web Engineering:** Cross-browser compatibility, Web Accessibility (WCAG, Screen Readers), Performance tuning, Full stack Troubleshooting
* **Testing Frameworks:** Jasmine, Karma
* **Back-end technologies:** Node.js
* **Cloud Technologies:** Azure, AWS (EC2, S3, cloud formation), Docker
* **Database technologies:** MongoDB, SQL, MySQL,
* **Development Tools:** Webpack, Gulp, Eclipse, SVN, GIT, Chrome DevTools, Grunt, Node.js
* **Operating systems:** Windows, Unix/Linux

***Professional Experience***

**Aetna INC Mar 2023- present**

**Sr. Software Engineer**

**Project:** Health care enhancement project for **Atena client** that enhances the accessibility, efficiency, and insights derived from the vast amounts of unstructured data in the healthcare domain. It contributes to improved patient care, streamlined workflows, and advancements in medical research and decision-making.

**Responsibilities:**

* Build components with Angular (12.0/10.0) with the latest features for creating standalone components and Angular forms.
* Utilized TypeScript, Bootstrap, HTML5, CSS3, and SASS to ensure a modern and responsive user interface
* Implemented Karma for writing end-to-end and unit tests to ensure robust application functionality.
* Developed Angular UI components based on UI/UX designs.
* Integrated REST APIs seamlessly into Angular applications, facilitating effective communication between the front-end and back-end systems.
* Established connections to backend services, handled HTTP requests, and managed data exchange to enhance overall functionality and performance
* Interacted with other developers and end users to collect requirements, design, and implement new features while championing modern frontend standards.
* Used JIRA tool for task assignment, bug tracking and fixture.

**Environment:** Angular, Node.js, ES6, TypeScript, JSON, HTML5, CSS3, WebSocket, AWS(S3), Karma, webpack, Agile, GitLab, Jira.

**IBM India Pvt. Ltd, India Nov 2020 - Dec 2022**

**Sr Software Engineer**

**Project:** Contributed significantly to the modernization of the **United Parcel Service (UPS) parcel tracking system,** collaborating closely with the **US front-end team**. The primary focus was on migrating an older application, previously only compatible with Internet Explorer and written in JavaScript, into Angular 8. The objective was to enhance compatibility by making the application compatible with modern browsers, specifically Chrome. The tech stack utilized included Angular 8, HTML5, CSS3, Bootstarp, TypeScript, and JavaScript.

**Responsibilities:**

* Migrated the legacy application from JavaScript to Angular 8 and Revamped the User Portal UI. Ensured compatibility with modern browsers, specifically targeting Chrome.
* From concept to completion, collaborated with the UX team to develop frontend-driven applications and RESTful APIs (Angular 8.0, TypeScript, node.js), ensuring optimal usability of backend systems.
* Integrate with backend Java Restful Web Services with Angular component frontend.
* Conducted unit testing and integration testing to ensure the reliability of the codebase.
* Developing web applications using Angular and NPM (Node Package Manager) modules.
* Continuous usage of Visual Studio Code for developing Angular Code
* Develop Angular UI components based on UI/UX designs.
* Enhanced/refactor components to support Web Accessibility (WCAG) standard and screen reader support.
* Establish, maintain, and enhance front-end development workflows that run on CI/CD automation platforms (Jenkins, Webpack, Karma).
* Used Package Manager (NPM) to import and applications.
* Implemented frontend workflows for login, user settings, file CRUD, upload, sharing, team collaboration with RESTful service APIs.
* Collaborate with the support team to troubleshoot and resolve web-related issues to ensure seamless user experiences. Lead UI Test-Driven Development (TDD) and guided team members in adopting unit-test driven development practices. Mentor junior developers and continuously update the team with the latest advancements in web technologies.

**Environment:** Angular, Java, Jasmine, ES6, TypeScript, JSON, HTML5, CSS3, Bootstrap, Responsive design, Karma, webpack, Agile, Jira, cross browser compatibility.

**SRKay Consulting group, India Dec 2015- Oct 2020**

**Web Developer**

**Project: SCIKEY** is SRKay's own product, a flexible and attractive **job posting platform** that empowers clients to post job listings, receive candidate applications, and support a comprehensive job posting/seeking workflow. The platform includes functionalities such as sharing job links, increasing traffic and interest in posted positions, efficiently shortlisting or rejecting candidates, and keeping candidates updated on their application status.

**Responsibilities:**

* Built frontend-driven UI to connect with RESTful service APIs (Angular 5.0, 8.0, TypeScript, node.js).
* Developed web pages using HTML5, CSS3, PrimeNG and Bootstrap library, ensuring mobile-friendly applications.
* Developed reusable frontend UI modules that facilitate dynamic communication between different APIs and modules, such as jQuery widgets and Angular Modules.
* Integrated multiple video platforms and designed associated content modules that respond to video events.
* Integrated multiple video platforms into the SCIKEY platform.
* Contributed to the development of features that supported the complete job posting/seeking workflow.
* Implemented functionalities for sharing job links, increasing traffic, and efficiently managing candidate applications.

**Environment:** Angular 5.0/6.0, Node.Js, Jasmine, ES6, TypeScript, JavaScript, JSON, HTML5, CSS3, PrimeNg, Bootstrap, Responsive design, Karma, webpack, Agile, Jira, GitLab.

**Project: FuturX** is an online assessment application where one can create different types of assessments, can create profiles and increase his knowledge, can add questions to available assessments, can solve assessments, and generate reports.

**Responsibilities:**

* Migrated the application from AngularJS to Angular 5, ensuring a smooth transition.
* Revamped the web UI using HTML5, CSS3, Angular Material, and the Bootstrap library to enhance user experience and modernize the interface.
* Implemented report generation features, enabling users to track and analyze their performance.
* Implemented features allowing users to create different types of assessments and profiles.
* Enabled users to add questions to available assessments, enhancing the diversity of assessment content.

**Environment:** Angular 5.0, Node.Js, Jasmine, ES6, TypeScript, JavaScript, JSON, HTML5, CSS3, AngularJS Angular Material, Bootstrap, Responsive design, Karma, webpack, Agile, Jira, GitLab.

**Samsung India Electronics Pvt Ltd, India Jul 2012 - Oct 2015**

**Associate
Software Engineer**

**Project:** involved the development of a module of 2D to 3D video converter tool specifically designed for Samsung TVs, aiming to enhance the viewing experience by converting standard 2D videos into immersive 3D content.The purpose of such tools is to simulate depth perception and create a 3D effect from originally flat or 2D media.

**Responsibilities:**

* Implemented algorithms to add depth information to the images or videos algorithms for converting 2D videos to 3D, focusing on creating a natural and visually appealing 3D effect.
* Developed the application using AngularJS, JavaScript, HTML, and CSS.
* Utilized Three.js, a JavaScript library for 3D graphics, to enhance the visualization of 3D content.
* Integrated with the WebGL API for 3D Rendering technique.
* Utilized OpenCV.js to apply advanced computer vision algorithms, enhancing the tool's ability to manipulate and analyze visual content.
* Experienced in making use of expanded HTML5 semantics and popular HTML5 APIs (e.g., audio, video, SVG).
* Utilized the Canvas element to draw graphics, shapes, and images dynamically on web pages.
* Collaborate with teams (Marketing, UX and upper management) to collect requirements and address feedback. and understand graphics

**Environment:** AngularJS, TypeScript, JavaScript, JSON, HTML, CSS, Three.js, OpenCV.js, WebGL ApI, SVN.