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**ABOUT ME:**

As a Senior Angular Engineer with over 9 years of experience in full-stack development, I specialize in leading the technical design and development of mission-critical applications. My expertise lies in creating dynamic, user-centric solutions with a robust foundation in **Angular, Vue.js, and Java**. Proficient in Angular (V16 & 17) and Vue.js, I excel at developing scalable component-based architectures, managing complex states, and implementing advanced features using Redux. I have a proven track record in modernizing systems, optimizing performance through code splitting and lazy loading, and leveraging CI/CD pipelines with Docker and Kubernetes. My experience includes designing and integrating RESTful APIs, working with GraphQL, and ensuring adherence to best practices in front-end architecture, database design, and Agile methodologies. Additionally, I have a strong background in mentoring teams, collaborating with cross-functional stakeholders, and driving high-quality code production and documentation.

**Technical Skills:**

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| **Front End Technologies & Frameworks** | HTML5, CSS3, JavaScript, TypeScript, Ionic Framework, ReactJS (V16 & 17), Angular, AngularJS, Vue.js, jQuery, Bootstrap, Material-UI, SCSS, Styled Components, Sass, AJAX, JSX |
| **State Management** | Redux, Redux-Thunk, React Context API, Angular Services, React Observables |
| **JavaScript Libraries & Tools** | jQuery, Lodash, Moment.js, Axios, Babel, Webpack, Parcel, ESLint,  Prettier, Storybook |
| **Front End Architecture & Design** | Component-based Architecture, Single Page Applications (SPA), Micro Frontends, Progressive Web Apps (PWA), Responsive Web Design,  Mobile-First Design, Server-Side Rendering (SSR) with Next.js, Code Splitting, Lazy Loading |
| **Cloud Technologies** | AWS (S3, CloudFront, Lambda, Amplify), Azure (App Service, Blob Storage), Google Cloud Platform (GCP), Netlify, Vercel. |
| **Programming Languages** | JavaScript, TypeScript, HTML5, CSS3, SCSS, JSX, JSON |
| **Backend Integration** | RESTful APIs, GraphQL, Axios, HTTP Requests, Web Services |
| **Databases & Data Handling** | RESTful APIs, GraphQL, Firebase, MongoDB, PostgreSQL, MySQL |
| **Version Control & Collaboration Tools** | Git, GitHub, Bitbucket, GitLab, SVN, npm, Yarn |
| **Build & Configuration Tools** | Webpack, Babel, Grunt, Gulp, Docker, Kubernetes, Jenkins, GitHub Actions, Travis CI, CI/CD Pipelines, NGINX, AWS (S3, EC2, Lambda) |
| **Testing Tools & Frameworks** | Jest, Enzyme, Cypress, Selenium, JSLint, Manual Testing, Automated Testing, Client-Side Validation |
| **Deployment & Hosting** | AWS, Azure, Netlify, Vercel, GitHub Pages, Heroku, Firebase Hosting, Docker, Kubernetes |
| **CI/CD Tools** | Jenkins, CircleCI, Travis CI, GitLab CI/CD, AWS CodePipeline, Azure DevOps |
| **UI/UX Design & Prototyping Tools** | Figma, Adobe XD, Sketch, InVision, Zeplin |
| **Project Management & Methodologies** | JIRA, Confluence, Trello, Asana, Agile (Scrum, Kanban), Waterfall, Test-Driven Development (TDD), Behavior-Driven Development (BDD) |
| **Operating Systems** | Windows, macOS, Linux |
| **IDEs & Text Editors** | Visual Studio Code, WebStorm, Sublime Text, Atom, Eclipse |

**Education:**

**Masters –** University of North Texas Dec 2015

Major – Computer Science

**Bachelors** – Jawaharlal Nehru Technological University May 2013

Major- Computer Science

**Professional Experience:**

**Client: Sentara Health, Virginia Beach, VA Jan 2023 – Till Date**

**Role: Sr. Front End Developer**

This project involved leading the development and modernization of sophisticated front-end applications for mission-critical systems. The role emphasized designing intuitive user interfaces, implementing responsive layouts, optimizing performance, and ensuring seamless integration with back-end services, while mentoring junior developers and adhering to best practices.

**Key Contributions:**

* **Led Development Efforts:** Spearheaded the design, development, and enhancement of applications using **Angular (V16 & 17), Vue.js, Java, and RPG**, focusing on scalable and high-performance solutions.
* **UI/UX Design:** Collaborated with UX/UI designers to translate wireframes and mockups into fully functional, responsive web applications using **Angular and Vue.js**, ensuring alignment with design specifications and user needs.
* **Component Development:** Designed and implemented reusable **Angular and Vue.js** components, including interactive forms, tables, and charts, ensuring maintainability and consistency across the application.
* **State Management:** Utilized Redux for state management, integrating Angular services for efficient application state handling and real-time updates.
* **Performance Optimization:** Applied best practices in **Angular and Vue.js** development, including code splitting, lazy loading, and minimizing re-renders to enhance application performance.
* **CI/CD Pipelines:** Managed and deployed applications using AWS services (S3, EC2, Lambda) and CI/CD pipelines with Docker and Kubernetes, ensuring efficient deployment and scaling of front-end applications.
* **Testing & Quality Assurance:** Implemented automated testing strategies using Jest and Enzyme and coordinated with QA teams for comprehensive end-to-end testing and bug resolution.
* **Technical Documentation:** Developed and maintained detailed documentation for front-end components, including setup guides, API documentation, and usage instructions.
* **Team Leadership:** Provided mentorship to junior developers, led code reviews, and ensured adherence to best practices and coding standards.
* **Agile Practices:** Participated in Agile teams, contributing to sprint planning, daily stand-ups, and retrospectives, fostering continuous improvement and timely delivery of features.

**Responsibilities:**

* **Project Management:** Oversaw project deliverables, collaborating with cross-functional teams to define and implement technical solutions.
* **Database Design:** Led backend database design and ensured seamless integration with front-end applications.
* **Stakeholder Collaboration:** Engaged with various stakeholders to gain approval for technical designs and architecture.
* **Code Quality Assurance:** Conducted code reviews, provided feedback, and ensured high-quality code production.
* **Tool Integration:** Integrated front-end code with Jenkins, GitHub Actions, and Docker for continuous integration and deployment.

**Environment:** Angular (V16 & 17), Vue.js, Java, RPG, TypeScript, HTML5, CSS3, Bootstrap, Material-UI, Redux, RESTful APIs, GraphQL, AWS (S3, EC2, Lambda), Docker, Kubernetes, Jest, Enzyme, Agile, JIRA, GitHub, GitLab.

**Client: Navy Federal Credit Union, Virginia, VA June 2019 – Dec 2022**

**Role: Sr. Front End Developer**

Focused on developing and maintaining robust, high-performance front-end applications using Angular, TypeScript, and modern web technologies. Responsibilities included crafting responsive, intuitive user interfaces, optimizing application performance, and integrating with back-end services. The role also involved leading development efforts, ensuring code quality, and enhancing user experiences through advanced front-end techniques.

**Key Contributions:**

* **Angular and Vue.js Development:** Developed and maintained complex front-end applications using Angular (V16 & 17), Vue.js, and TypeScript, ensuring high performance, scalability, and responsiveness.
* **Component Design:** Created reusable Angular and Vue.js modules and components, including interactive forms, tables, and charts, to streamline development and ensure consistency across the application.
* **Data Integration:** Utilized Axios for data fetching and integration with RESTful APIs, ensuring smooth communication between front-end and back-end services.
* **State Management:** Managed global state effectively using Angular services, Vuex, and Redux, optimizing data flow and enhancing the user experience.
* **Performance Optimization:** Applied modern JavaScript features (ES6/ES7), code splitting, and lazy loading techniques to improve application performance and reduce load times.
* **Responsive Design:** Designed and developed responsive web pages using HTML5, CSS3, Bootstrap, and SCSS, ensuring compatibility across various devices and screen sizes.
* **Testing:** Implemented automated testing strategies using Jest, Enzyme, and Cypress, incorporating test-driven development practices to ensure code reliability and quality.
* **Continuous Integration/Deployment:** Managed and deployed applications using AWS services (S3, EC2, Lambda) and CI/CD pipelines with Docker and Kubernetes, enhancing deployment efficiency and scalability.
* **Accessibility:** Implemented ARIA and WCAG standards to improve the accessibility and inclusivity of web applications.
* **Tool Integration:** Configured and used Webpack, Babel, Grunt, and Gulp for bundling, minification, and code optimization.
* **Agile Methodologies:** Worked in Agile environments using tools like JIRA and Slack, contributing to effective project tracking, sprint planning, and team collaboration.

**Responsibilities:**

* **Front-End Development:** Designed, developed, and tested responsive web applications using Angular, Vue.js, HTML5, CSS3, JavaScript, and TypeScript to meet high accessibility and web browser standards.
* **API Integration:** Integrated RESTful APIs and managed HTTP requests using Axios, ensuring efficient data retrieval and interaction with back-end services.
* **Component Creation:** Developed and maintained reusable UI components and screens using Angular and Material-UI, streamlining development and enhancing code maintainability.
* **Code Efficiency:** Employed ES6+ features, such as arrow functions, promises, and classes, to improve code efficiency and manage asynchronous operations.
* **Performance Optimization:** Addressed performance issues using modern techniques, such as Promises and Generators, and optimized front-end performance with tools like Grunt and Gulp.
* **Cross-Browser Compatibility:** Ensured consistent functionality and appearance across various web browsers, adhering to WCAG and W3C standards for HTML and CSS.
* **Security:** Managed front-end security vulnerabilities, including XSS and CSRF, and integrated CORS for secure web service interactions.
* **Version Control:** Utilized Git, GitHub, and Bitbucket for version control and collaboration, adhering to best practices for code management and deployment.
* **Build and Deployment:** Implemented automated build and deployment processes using Jenkins, GitHub Actions, and Docker, enhancing the CI/CD pipeline efficiency.
* **Framework Utilization:** Developed applications with AngularJS, Vue.js, and other JavaScript frameworks, employing libraries like jQuery, Lodash, and Axios for enhanced functionality.
* **Testing and Quality Assurance:** Conducted manual and automated testing using tools like Selenium, Jest, and JSLint to ensure high-quality code and reliable application performance.
* **Agile Development:** Participated in Agile development cycles using Kanban and Scrum methodologies, ensuring timely delivery and effective project management.

**Environment:** Angular (V16 & 17), Vuejs, TypeScript, HTML5, CSS3, SCSS, Bootstrap, Material-UI, Redux, RESTful APIs, Axios, Jest, Enzyme, Cypress, AWS (S3, EC2, Lambda), Docker, Kubernetes, Webpack, Babel, Grunt, Gulp, ARIA, WCAG, GitHub, GitLab, Jenkins, GitHub Actions, JIRA, Slack, Agile, Kanban, Scrum, Selenium, jQuery, Lodash, ES6/ES7, Promises, Node.js.

**Client: T-Mobile, Dallas, TX Feb 2016 – June 2019**

**Role: Front End Developer**

Focused on developing and maintaining high-traffic web applications with an emphasis on user-centric design and cross-platform compatibility. The project involved converting static HTML markups to dynamic web pages and enhancing the web presentation layer. Responsibilities included managing all aspects of the web application lifecycle, from development to deployment, and collaborating with cross-functional teams to deliver high-quality solutions.

**Responsibilities:**

* **Dynamic Web Development:** Converted static HTML markups to dynamic JSP pages using JSTL, enhancing functionality and integration with back-end services.
* **UI Design and Implementation:** Developed the web presentation layer using HTML5, CSS3, and JavaScript, focusing on creating responsive and visually appealing interfaces.
* **Front-End Technologies:** Utilized jQuery for DOM manipulation and AJAX for asynchronous data loading, improving user interaction and performance.
* **Cross-Browser Compatibility:** Debugged and resolved cross-browser compatibility issues to ensure a consistent look and feel across target browsers.
* **Agile Collaboration:** Worked in an Agile environment, iterating on requirements and delivering features in sprints, contributing to the overall project efficiency and responsiveness.
* **SQL Integration:** Developed and executed SQL queries for data retrieval and updates, integrating them into DAO implementation classes to enhance data management.
* **Logging and Monitoring:** Used Log4J for logging and monitoring, ensuring smooth operation and quick issue resolution.
* **Responsive Design:** Designed and implemented responsive layouts and branding using CSS and Bootstrap, optimizing the visual appeal and usability across various devices.
* **Documentation and Communication:** Collaborated with business analysts to create detailed documentation for UI modules, ensuring clear communication of requirements and design intent.
* **Web Services:** Implemented web services for client data access, enhancing the application’s functionality and user experience.
* **UI/UX Implementation:** Played a key role in the UI/UX design and development of a travel search and booking application, including prototyping and testing.

**Environment:**  HTML5, CSS3, JavaScript, Angular.JS, VueJS, NodeJS, XML, jQuery, JSON, JSTL, Bootstrap, Log4J, Visual Studio, Apache Tomcat, Git, GitHub, SVN, AJAX, RESTful Web Services.

**Client: Genpact, Hyderabad, India. Aug 2013 – July 2014**

**Role: Front End Developer**Worked on developing interactive and responsive web applications with a focus on enhancing user engagement and form reliability. Responsibilities included implementing client-side validation techniques, designing CSS styles, and creating seamless page layouts.

**Responsibilities:**

* **React Development:** Developed client-side validation techniques and interactive elements using React and JavaScript, improving data entry accuracy and user engagement.
* **Responsive Design:** Leveraged Bootstrap and Material-UI for responsive design, ensuring web pages were visually appealing and functional across various devices.
* **UI Implementation:** Designed and maintained CSS styles for consistent visual presentation, ensuring proper positioning and responsiveness of UI elements.
* **Form Validation:** Created and validated user input forms using HTML and JavaScript, incorporating React and Regular Expressions for robust data integrity.
* **Browser Compatibility:** Addressed and resolved browser compatibility issues by troubleshooting differences and bugs across various browser versions.
* **Front-End Technologies:** Utilized JavaScript and jQuery for enhancing interactivity and improving overall user experience.

**Environment:** HTML5, CSS3, JavaScript, React, jQuery, Bootstrap, Material-UI, AJAX, JSON, GitHub.