Sushanthik Reddy

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**Professional Summary:**

**Front-End Developer | React.js | Angular.js | JavaScript | Responsive UI Development**

Experienced Front-End Developer with over 6+ years of success building modern, high-performance web applications using React.js, Angular.js, HTML5, and JavaScript. Skilled in translating UI/UX designs into pixel-perfect, mobile-first user interfaces. Strong background in integrating RESTful APIs, managing component-based architectures, and implementing advanced features with JavaScript ES6+, Redux, and performance-optimized rendering techniques. Adept in accessibility (WCAG 2.1), cross-browser compatibility, testing (Jest, Cypress), and collaborating in Agile teams to deliver scalable, maintainable codebases.

**Technical Skills:**

* **Programming:** JavaScript (ES6+), TypeScript (Basic), HTML5, CSS3, SASS, SCSS, PHP (Basic), C#, JSON, XML/XSLT
* **Front-End Frameworks:** React.js, Next.js, Angular.js, Bootstrap, Tailwind CSS, Material UI
* **State Management:** React Hooks, Context API, Redux (Basic), Custom Hooks, Component-Based Architecture
* **Testing & Debugging:** Jest, React Testing Library, Jasmine, Karma, Cypress (Basic), Chrome DevTools, Postman
* **API Integration:** RESTful APIs, GraphQL (Basic), Axios, Fetch API, AWS Cognito, JWT Authentication
* **Build Tools & Package Management:** Webpack, Babel, Vite (Basic), NPM, Yarn, ESLint, Prettier
* **Version Control & CI/CD:** Git, GitHub, Bitbucket, GitLab, GitHub Actions, SVN, CVS, CI/CD Pipelines
* **UI/UX & Responsive Design:** Pixel-Perfect Design, Mobile-First Development, Semantic HTML, CSS Grid, Flexbox, Media Queries
* **Accessibility & Standards:** WCAG 2.0/2.1 Compliance, ARIA Roles, Keyboard Navigation, Cross-Browser Compatibility
* **Databases (Basic Use):** MongoDB, MySQL, SQL Server (2000–2008), T-SQL, Oracle (Basic)
* **Development & Collaboration:** Agile/Scrum, Jira, Confluence, Slack, Technical Documentation, Code Reviews
* **Tools & IDEs:** Visual Studio Code, Visual Studio (2003–2008), Postman, DevTools, Lighthouse, axe Accessibility Tool

**Education:**

* Bachelor’s in computer science engineering from Guru Nanak Institutions Technical Campus Hyderabad, 2016 – 2020
* Master’s in data science from University of Maryland Baltimore County, 2021 - 2023

**Work Experience:**  
  
**Client: First Home Mortgage**

**Role: Front-End Developer/UI Developer Sep 2021 - Present**

**Location: Baltimore, MD**

### **Customer Loan Dashboard – React.js**

### **Tech Stack:** React.js, Context API, AWS Cognito, Mapbox, REST APIs, SASS, Jest

### **Description:**

Developed a dynamic, data-driven dashboard that enables loan officers and customers to monitor, update, and track mortgage application statuses in real-time.

**Key Achievements:**

* Developed scalable and reusable UI components in **React.js** and **Next.js** using **SASS** and **JSX**, delivering fast, responsive, and accessible user interfaces across platforms.
* Transformed Figma wireframes into highly interactive, pixel-perfect designs aligned with mobile-first principles and cross-browser standards.
* Implemented semantic **HTML5** markup and modular **CSS3** to improve **SEO, accessibility,** and **maintainability** across large-scale applications.
* Built fluid, **responsive layouts** using **CSS Grid** and **Flexbox**, ensuring consistent behavior across all major devices and browsers.
* Integrated **RESTful APIs** with **React** using **Axios**, implementing robust data flows and secure token-based authentication with **AWS** **Cognito**.
* Designed and customized responsive, user-friendly front-end interfaces for **Drupal 8/9/10** websites using HTML5, CSS3, and JavaScript.
* Collaborated with developers to convert **Figma/Sketch mockups** into Drupal themes using **Twig templating** and custom components.
* Conducted **user research, usability testing, and heuristic evaluations** to enhance the Drupal site’s overall user experience.
* Created **low-fidelity wireframes, high-fidelity prototypes, and design systems** tailored for Drupal content structures.
* Experience with **data mining** techniques such as data cleaning, transformation, and feature extraction using tools like **Python**, and **SQL** **queries**.
* Developed automated **data** **pipelines** to aggregate, clean, and transform raw data for downstream analytics and visualization.
* Designed and implemented **custom Drupal themes** leveraging the Classy or Stable base theme for maintainability and reusability.
* Worked with **Drupal Views, Blocks, Panels, and Layout Builder** to construct dynamic and modular UI layouts.
* Built custom dashboards with real-time data visualizations and maps using **Google** **Maps** **API** and **Mapbox**, improving data clarity and user engagement.
* Increased test coverage by 60% through automated testing using **Jest** and **React** Testing Library, reducing production-level bugs by 40%.
* Used **React’s** **Context** **API** and custom **hooks** to manage application state efficiently, enhancing performance and reducing redundant renders.
* Contributed to **CI/CD** pipelines and code review processes, ensuring bi-weekly deployments with zero regression issues.
* Wrote comprehensive documentation for frontend codebases, **APIs**, and **UI** standards to support onboarding and team scalability.
* Improved UI responsiveness and accessibility by implementing keyboard navigation, semantic **HTML**, and **WCAG** **2.1-compliant ARIA roles**.
* Collaborated in **Agile** sprints with product managers, QA, and designers to estimate tasks, meet deadlines, and continuously improve delivery velocity.

### **Loan Officer Pipeline Management – Angular**

### **Tech Stack:** Angular 10+, RxJS, Angular Forms, Material Design, Jasmine, Karma

**Description:**

Built an internal-facing Angular-based tool for loan officers to manage daily pipelines, assign tasks, view applicant progress, and flag critical documentation issues.

**Key Achievements:**

* Developed **Angular** components with reactive forms and custom validators for streamlined loan data entry.
* Used **RxJS** to manage asynchronous workflows including real-time application status updates and alerts.
* Led the design and development of **enterprise-grade**, **next-gen** web applications using **Angular** **16+,** **Node.js**, and **TypeScript**, with a focus on modular architecture and scalability.
* Conducted automated testing using **Cypress** and unit testing frameworks to ensure quality, maintainability, and regression coverage.
* Spearheaded the upgrade of legacy **Angular** applications to **Angular** **16+**, ensuring compatibility and performance improvements.
* Championed **AI** integration and automation, contributing to the evolution of tools like **TestPilot** **AI** for mobile/web test automation using **generative** **AI**.
* Identified and mitigated architectural risks early in the **SDLC**, promoting scalability and maintainability across codebases.
* Mentored team members, conducted interviews, led tech talks, and contributed to internal initiatives like the **Angular** **Playbook** to promote engineering excellence.
* Developed scalable, high-performance web applications using **Angular 16+** with advanced understanding of its component lifecycle and reactive forms.
* Built clean, responsive UI with **TypeScript**, **SCSS/CSS3**, and **Bootstrap 5**, ensuring cross-browser compatibility and accessibility.
* Integrated **RESTful APIs** using HttpClient and managed secure **authentication & session handling** with JWT and role-based access control.
* Implemented **NgRx** for efficient state management, following the Redux pattern and Angular’s reactive programming best practices.
* Created **Progressive Web Apps (PWAs)** with offline support, push notifications, and service workers using **Angular’s** PWA toolkit.
* Collaborated closely with design teams to translate **Figma prototypes** into pixel-perfect UI components, ensuring UX consistency.
* Optimized front-end performance through lazy loading, code splitting, and onPush change detection strategies.
* Worked in **Agile/Scrum** teams, participated in daily standups, sprint planning, and retrospectives to align development goals.
* Ensured mobile-first, responsive UI design for seamless user experience across devices and screen sizes.
* Contributed to **front-end architecture decisions**, refactoring legacy code into modular, reusable components.
* Integrated Material UI for clean, mobile-responsive layouts aligned with brand guidelines.
* Collaborated with **QA** to write unit and integration tests using **Jasmine** and **Karma** to ensure application stability.
* Implemented role-based **UI** rendering and guarded routes for different user types (processors, underwriters, admins).
* Participated in sprint planning and demos to align UI features with compliance and user feedback.
* Developed dynamic and reactive **Angular** forms to streamline loan application intake and ensure real-time field-level validations.
* Built custom Angular directives and pipes to handle input formatting, status indicators, and conditional UI rendering across the loan dashboard.
* Used **Angular** **Services** and **Dependency** **Injection** (DI) to manage API interactions and business logic across shared modules.
* Created reusable UI modules for document verification, task assignments, and compliance alerts using Angular Material components.
* Implemented centralized error handling and **API** interceptor logic for secure token management and consistent user messaging.
* Integrated **PDF** **generation** and **download** **functionality** using third-party libraries to enable printable loan summaries and disclosures.
* Applied route guards and lazy loading to enforce secure navigation and enhance application performance.
* Leveraged **NGXS** (or can be switched to **NGRX**/**Service**-**based**) state management for managing the pipeline state across modules.
* Used **Angular** **Animations** to enhance **UI** feedback for transitions like loan submission, validation success, and error messages.
* Worked with **UX** teams to enhance accessibility features including tab ordering, screen reader support, and form **ARIA** **attributes**.
* Conducted thorough code reviews and refactored legacy **AngularJS** components into **Angular** **10+** standards to align with modern practices.
* Participated in **Agile** ceremonies, worked on **user** **stories**, and provided **UI** estimates and technical feedback to improve delivery planning.

**Client: Zoho Corp - Combinoit**

**Role: UI Developer Jun 2019 – Jul 2021**

**Location: India**

**Key Achievements:**

* Built responsive web interfaces using **React.js**, **JavaScript (ES6)**, and **Bootstrap**, supporting cross-device compatibility across 5+ enterprise-level products.
* Engineered reusable components and page layouts for internal tools and **B2B** platforms, following design tokens and global styling standards.
* Applied clean, semantic **HTML5** and **CSS3** with **BEM** conventions to deliver maintainable, accessible, and well-structured code.
* Created adaptive layouts using **Flexbox** and **media queries**, ensuring visual consistency and responsiveness across all screen sizes.
* Integrated **RESTful** **APIs** into **React** views for real-time data syncing, enhancing UI responsiveness and improving data visibility.
* Optimized rendering logic and reduced load times using **lazy** **loading**, **code** **splitting**, and **memoization** with **React.memo** and **useCallback**.
* Enforced accessibility standards across all pages **(WCAG 2.0)** to ensure usability by screen readers and assistive technologies.
* Achieved 100%-unit test coverage with **Jasmine** and **Karma**, ensuring stability during version upgrades and feature rollouts.
* Mentored junior developers in front-end best practices, conducted peer code reviews, and created reusable component libraries for internal use.
* Participated in remote **Agile** teams using **Jira** and **Slack**, contributing to sprint planning, demo sessions, and QA handoffs in a distributed team setup.

**Certifications:**

* AWS Certified Solutions Architect – Associate (2023)
* Advanced Machine Learning Certification (Coursera, 2022)
* Winner: Hackathon on Data Visualization (2021)

**Additional Information:**

* Published Research: "Applications of Machine Learning in Healthcare," Journal of AI in Medicine (2022).
* Volunteer: Code for India (2021 – Present), mentoring students in coding and web development.