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 5 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

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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**.
- 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.
- 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
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.