Sundeep Valluri

Senior Frontend Developer

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- With over 17 years of extensive experience as a Front-End UI professional, successfully led all stages of the software development lifecycle, including planning, analysis, design, implementation, integration and testing, development, documentation, and maintenance of diverse client-server and web-based projects.
- **Application Development:** Successfully developed and maintained web applications using the Angular framework, adhering to best practices and coding standards.
- **Front-End Development:** Designed and implemented visually appealing and interactive user interfaces (UI) using HTML, CSS, and Angular templates, ensuring seamless user experiences.
- **Angular Expertise:** Demonstrated in-depth understanding of Angular concepts, such as modules, components, services, routing, and data binding, effectively applying them to deliver robust applications.
- **UI/UX Implementation:** Collaborated closely with UI/UX designers to translate design mockups and wireframes into functional UI components, resulting in intuitive and visually engaging interfaces.
- **Testing and Debugging:** Wrote comprehensive unit tests and performed integration testing, successfully identifying and resolving issues to ensure high application reliability and stability.
- **Performance Optimization:** Employed optimization techniques, including lazy loading, AOT compilation, code minification, and caching, to enhance application performance and deliver efficient user experiences.
- **API Integration:** Seamlessly integrated Angular applications with backend APIs and services, effectively handling data retrieval, manipulation, and synchronization.
- **Collaboration and Communication:** Worked collaboratively with cross-functional teams, including designers, backend developers, and project managers, to ensure smooth coordination and timely project delivery.
- **Version Control and Deployment:** Utilized Git for efficient code management, ensuring version control and facilitated seamless collaboration with team members. Deployed Angular applications to hosting platforms, such as AWS, and Azure.
- **Continuous Learning:** Demonstrated a commitment to ongoing professional development, staying abreast of the latest Angular updates, tools, and industry

trends to continuously enhance skills and deliver cutting-edge solutions.

Technical Profile

- HTML
- JavaScript
- Bootstrap
- jQuery
- Angular
- Angular Material
- PrimeNG
- TypeScript
- CSS
- Tailwind
- Mustache JS
- RWD
- Web Accessibility
- Design System
- TFS
- Jenkins
- Sonarqube
- .NET
- MySQL
- Adobe Photoshop
- ASP.NET
- PHP
- Git
- JIRA
- WordPress
- Node.js
- Express
- PostgreSQL
- Spring Boot
- Microsoft SQL Server
- Figma
- Cloud Services

Competencies

- Code reviews
- Product development
- Testing and maintenance
- Build releases

- Technical Analysis
- Programming
- Software applications
- Hardware and software installation
- Agile
- Web-based software engineering

💼 Work History

Senior UI Developer

Employer: Piezos Technology Solutions, Inc, Northville, MI
Client: Credit Acceptance Corporation

- Leveraged Angular framework expertise to develop robust front-end solutions, employing Angular modules, components, services, directives, and dependency injection for efficient code organization and maintainability.
- Implemented Angular Forms and utilized form validation techniques to ensure accurate and secure data input and submission.
- Integrated Angular Routers to enable seamless navigation and dynamic routing within application, enhancing user experience and supporting multiple views.
- Developed custom Angular Directives to extend HTML functionality, encapsulate reusable UI components, and promote code reusability across application.
- Utilized Angular Pipes for data transformation and formatting, ensuring data consistency and providing enhanced user-friendly displays.
- Collaborated with backend developers to consume RESTful APIs and effectively handle data retrieval, manipulation, and synchronization within Angular applications.
- Implemented client-side form validation using Angular Reactive Forms, ensuring data integrity and providing immediate user feedback for validation errors.
- Utilized Angular CLI (Command Line Interface) for project scaffolding, build optimization, and generating code scaffolds, boosting development productivity.
- Employed Angular Material or other UI component libraries to enhance application's visual design, aesthetics, and usability, following Material Design principles.
- Conducted performance optimization in Angular applications, implementing techniques like lazy loading, AOT (Ahead-of-Time) compilation, and code minification for improved loading speed and overall performance.

- Followed best practices for Angular security, including handling authentication and authorization, preventing XSS (Cross-Site Scripting) attacks, and implementing secure data transmission.
- Drove continual improvement in systems operations by building tools and automation.
- Analyzed and developed technical solutions to meet business requirements.
- Implemented consistent coding practices.
- Met with internal and external customers to develop relationships and foster co-innovation opportunities.
- Authored code fixes and enhancements for inclusion in future code releases and patches.
- Created proofs of concept for innovative new solutions.
- Reviewed existing programs to refine, reduce operating time and improve techniques

2021-10 - 2022-06

Senior Front End Developer
4-Serv Solutions, Inc, Wixom, MI
Client: Blue Cross Blue Shield of Michigan

- Successfully delivered front-end applications and user interactive (UI) web pages using HTML4/5, XHTML, CSS2/3, Angular 10, Responsive Web Design, and Bootstrap.
- Translated visual designs into HTML and Angular prototypes, ensuring accurate representation of intended user experience.
  Converted visual designs into AEM web components using AEM UI framework, maintaining consistency across platform.
- Utilized Angular components, Forms, Events, Routers, Directives, Pipes, and Services to enhance application functionality and user interactivity.
- Created engaging web page layouts using HTML5, CSS3, Bootstrap, and Angular, with strong focus on optimizing user experience.
  Developed front-end solutions through hands-on coding using HTML5, CSS3, Angular 11, JavaScript, Node.js, and jQuery.
- Designed frame-less web applications adhering to W3C standards, employing HTML, CSS, and JavaScript preprocessors like SASS and LESS.
- Proficiently utilized GIT as version control system and JIRA as bug tracking tool within Agile Scrum environment.
- Actively participated in entire software development lifecycle, from project inception to code development and thorough module testing.
- Collaborated with delivery teams during design and development phases, ensuring adherence to UI architectural standards and best practices.
- Partnered with other UI Engineers to drive development of modern user interface layer, fostering continuous improvement and innovation.
- Documented UI standards and ensured effective implementation by

development teams while facilitating understanding among technology partners.

- Designed and developed proof of concept prototypes to showcase advanced features and designs, demonstrating technical feasibility and innovation.
- Promoted cross-team synergy and alignment to optimize code-sharing, enhance site performance, and expedite time to market.

2013-07 - 2021-08

Senior Consultant /Senior Architect
Infosys Limited, Hyderabad, Telangana

- Led team of 5 developers as Senior UI Architect and Team Lead, performing multiple roles within project.
- Worked on implementing Infosys Live Enterprise Design System using Angular 8 as primary framework.
- Developed reusable Angular elements, components, modules, templates, and pages, ensuring code reusability and efficient development.
- Customized UI elements using Angular Material Design, enhancing overall visual appeal and user experience.
- Utilized Twitter Bootstrap to create responsive web designs that seamlessly adapt to various screen sizes and devices.
- Dedicated approximately 70% of time to core UI development and 30% to mentoring and leading team.
- Provided valuable UI inputs regarding scalability, modularity, browser compatibility, device compatibility, and performance to business and UX teams.
- Took charge of client calls and meetings related to project within Agile Development model.
- Participated in cross-domain and collaboration meetings with team leads from different project teams.
- Ensured defect prevention activities were effectively carried out for project, fostering high-quality deliverables.
- Assumed responsibility for pre-production and production releases, ensuring smooth and efficient deployment processes.
- Provided support to client-side development team during integration phase, ensuring successful integration of UI components.
- Oversaw code merge activities across all branches, ensuring code consistency and version control.
- Conducted training sessions to educate development team on usage of Design System, promoting efficient development practices.
- Carried out complete UI development, managing UI design and adhering to coding standards.
- Analyzed and implemented client feedback and change requests, ensuring alignment with project requirements and user expectations.
- Developed custom jQuery plugins and components, including mobile

navigation, overlays, field-level validations, and accordions.
Provided support to .NET team during integration phase, ensuring smooth integration of UI with backend systems.

- Resolved cross-browser compatibility issues, ensuring consistent performance across different web browsers.
- Managed pre-production and production releases, overseeing deployment of UI components.
- Proactively conducted regular sessions to gather insights and value-adds for client, ensuring continuous improvement and client satisfaction.
- Utilized Mustache.js to render data from JSON to HTML, facilitating dynamic data display within UI.
- Separated HTML and CSS specific to mobile devices, tablet devices, and desktop resolutions, ensuring optimized user experiences across different devices.
- Provided support to SharePoint team during integration phase, ensuring seamless integration of UI elements with SharePoint applications.
- Managed various Infosys group websites and Intranet applications, ensuring their smooth functioning and user experience.
- Created wireframes, storyboards, sitemaps, and screen flows, aiding in visual design and information architecture of projects.
Developed product prototypes to showcase and validate concepts before full-scale development.
- Analyzed user feedback and activity, iteratively improving user experience based on insights and user-centric design principles.
Assisted with content development, ensuring effective presentation and delivery of information to users.

2011-07 - 2013-01

Associate
Cognizant Technologies Solutions, Hyderabad, Telangana

- Demonstrated experience working across different domains, including Healthcare, IME, and Banking and Finance, showcasing versatility and adaptability in various industry contexts.
- Successfully converted PSD files into HTML mock-ups, accurately translating visual designs into functional web interfaces.
Implemented CSS media queries to achieve responsive design, ensuring optimal display and usability across different devices and screen sizes.
- Developed custom menu, accordion, Lightbox, and other jQuery plugins, enhancing user experience with interactive and dynamic elements.
- Implemented form validations using jQuery, ensuring accurate and secure data input on web forms.
- Provided support to Drupal team during integration phase, facilitating seamless integration of HTML prototypes with Drupal content management system.
- Assisted in resolving production defects, ensuring stability and reliability of

web applications in live environments.

- Applied table-less HTML and CSS development techniques, adhering to best practices and modern coding standards for improved code maintainability and scalability.
- Responsible for implementing client-side scripting using jQuery and JavaScript, enhancing interactivity and functionality of web interfaces.
- Collaborated with Java developers, assisting in integration of HTML prototypes with their backend code, fostering seamless cooperation between frontend and backend teams.
- Expertly resolved cross-browser compatibility issues, ensuring consistent and optimal performance across different web browsers.
- Committed to following design and code standards, actively contributing to discussions on continuous improvement, and striving for excellence in all aspects of web development.
- Proficient in building multi-platform websites using Responsive Web Design (RWD) techniques, including media queries, progressive enhancement, and feature detection.
- Developed interactive components using JavaScript and jQuery, seamlessly integrating them with internal tools, frameworks, services, and external APIs.
- Translated UI designs into well-structured and organized HTML5/CSS3 code compatible with modern browsers, utilizing open-source tools and frameworks to improve code structure and maintainability.

2007-08 - 2011-07

Technical Lead
Saince Technology Solutions Pvt Ltd , Hyderabad, Telangana

- Developed and maintained responsive web pages and user interfaces (UI) using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and adherence to web standards.
- Translated UI/UX designs and wireframes into functional HTML/CSS layouts, ensuring visually appealing and intuitive user experience.
- Utilized JavaScript to enhance interactivity and functionality, implementing client-side validations, dynamic content loading, and AJAX-based operations for seamless user interactions.
- Applied CSS to create attractive and consistent styles, utilizing CSS preprocessors like Sass or LESS for efficient styling and maintenance.
- Collaborated with PHP developers to integrate front-end components with server-side logic, using PHP templating systems and frameworks like Laravel or CodeIgniter.
- Worked with PHP to connect and interact with databases, implementing database operations such as data retrieval, insertion, and updates.
- Developed responsive web applications that adapt to various screen sizes and devices using media queries, fluid grids, and flexible layouts.
- Ensured consistent performance and appearance across different web

browsers, testing and addressing any compatibility issues.

- Optimized front-end code, including minification, bundling, and image optimization techniques, to enhance page loading speed and overall performance.
- Utilized version control systems like Git to manage codebase, collaborate with team members, and track changes.
- Identified and resolved HTML, CSS, and JavaScript-related issues through debugging and troubleshooting techniques, ensuring smooth functionality.
- Worked closely with cross-functional teams, including designers, back-end developers, and project managers, to understand requirements, collaborate on project deliverables, and ensure successful project completion.

2005-07 - 2007-07

Web Developer

Synergy Xpertsol Pvt Ltd, Hyderabad, Telangana

- Proficient in HTML, JavaScript, and Core Java, leveraging these skills to develop dynamic and interactive web applications.
- Developed table-based HTML prototypes, accurately translating design mockups into functional web interfaces.
- Translated designs into JSP code, ensuring seamless integration of front-end components with server-side logic.
- Designed and managed UI elements, adhering to coding standards to maintain consistency and quality throughout application.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX, and JSON coding
- Adhered to SEO best practices while designing sites
- Applied emerging technologies to update and maintain site applicability

Education

2003-06 - 2005-04

Bachelor of Science: Computer Science

Kakatiya University - Warangal, India