

Sahitya Ravali Kandukuri

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Professional Summary:

- Experienced professional with **6+ years in front-end development, and rich user interface design**. Expertise includes **development and documentation**, adherence to **standards**, and **compatibility** across media platforms including **screens, mobile, and touch interfaces**. Skilled in application **architecture, wireframes, project management** and **team leadership**.
- Extensive experience in developing web pages quickly and effectively using **HTML/HTML5, XML, DHTML, CSS/ CSS3, pre-processors (SASS, LESS), JavaScript, TypeScript, React JS, React Native, Redux, Flex, Angular 8/9/10/11/12/13/14/15/16/17/18/19, jQuery, JSON, PHP, Node.js, Vue.js, NPM, Ajax, Bootstrap, Tailwind and Python** with webpage cross browser compatibility and **Responsive design**.
- Strong understanding of **UI/UX best practices**, creating engaging user experiences across various platforms.
- Expert in designing web applications and web contents utilizing various **Search Engine Optimization (SEO)** techniques.
- Good Understanding of **Document Object Model (DOM)** and **DOM Functions**, and **JavaScript functions, Cascading Styles** across cross-browser using **Fire Bug, Developer Tool Bar**.
- Complete knowledge of **Web protocols** and standards (**HTTP, HTML5, XHTML, CSS3, XML, XML parsers, Web Forms**).
- Proficient in designing and developing **Single Page Applications (SPA)** using **Angular 8/9/10/11/12/13/14/15/16/17/18/19, Angular Material, React, React JS** and **Bootstrap**.
- Experienced in working with **Redux architecture** using complex **Object-Oriented** concepts in improving the performance of the websites.
- Experience in using **React JS components, Forms, Events, Keys, Router, Redux, Animations** and **Flux concept**.
- Experienced in **React JS** and working with **React Flux architecture**.
- Good Experience in **React JS** for creating **interactive UI's** using **One-way data flow, Virtual DOM, JSX, React Native** concepts.
- Experienced in developing **CRUD (Create, Read, Update, and Delete)** and **REST based API**.
- Sound Understanding and good Experience with **Object Oriented Concepts (OOO), Object Oriented JavaScript (OOJS), Object Oriented Design and Implementation**.
- Expertise with **D3 & High charts** for **Data Visualization**.
- Experience with **User Acceptance Testing (UAT)** and **Accessibility Testing**.
- Proficient in creating comprehensive **test cases** and scenarios using **Jasmine and Karma**.
- Proficient in **JavaScript validation** frameworks for both **client-side** and **server-side environments**.
- Experience working with **SQL Databases (MYSQL, Oracle, DB2)** and **NoSQL Databases (MongoDB), PostgreSQL**.
- Involved in writing application level code to interact with **APIs, RESTful Web Services** using **AJAX, JSON**.
- Proficient in leveraging **GraphQL** to efficiently design and implement **flexible** and **Scalable APIs**, optimizing data fetching and enhancing overall application performance
- Had a good hands on experience in using **SVN, GIT, GITHUB** and **GITLAB** for version control.
- Proficient in **State management** techniques utilizing **HTTP cookies** to maintain application state across sessions, enhancing user experience and improving application performance.
- Worked extensively with **Visual Studio Code, Figma, Invision, Microsoft Visual Studio, IntelliJ, Notepad++**.

- Proficient in creating **vector and motion graphics** using advanced web technologies such as **SVG, HTML5 Canvas, WebGL**, and implementing **animations** through JavaScript.
- Proficient in implementing **lazy loading** techniques to **optimize webpage load times** and enhance user experience through efficient resource loading strategies.
- Worked with **ECMA Script 6 (ES6)** javascript features and implemented them in the project.
- Experience in developing applications using **Agile Methodologies such as Scrum, Test Driven Development (TDD)** and **Waterfall Model** and project management tools like **JIRA**, Atlassian, confluence.
- Strong communication, collaboration and team building skills with proficiency in grasping new technical concepts quickly and always inclined to learn new technologies.
- Proficient with **Microsoft Office tools**, including **MS Word, MS Excel**, and **MS PowerPoint**, adept at creating and formatting **documents, spreadsheets**, and presentations to effectively communicate information and ideas.
- Experience in all phase of Software Development Life Cycle (**SDLC**) like **Requirement Analysis, Implementation** and **Maintenance**

Technical skills:

Web Technologies:	HTML/HTML5, CSS2/CSS3, SCSS, XML, XHTML, Bootstrap, JavaScript, TypeScript, AJAX, JSON, ES6, Flask, FastAPI.
Other Technologies:	Python, JAVA, Jenkins, SASS, Openshift, Agile methodologies, Docker, Kubernetes, GraphQL,.
JavaScript Libraries:	Angular 18+, React.js, Node.js
IDE's and Tools:	Eclipse IDE/3.X, HTTP web server, VSCode, PyCharm, Notepad++, Toad, IntelliJ.
Wireframe Tools:	Figma, Invision, Sketch, Visio, Adobe Creative Suite, Adobe XD.
Debugging Tools:	Google Chrome, PostMan, Swagger,Insomnia, Jasmine, Karma, YouTrack, Selenium.
Database:	PL/SQL(oracle), MySQL, MSSQL, Redis.
Operating System:	Windows, LINUX, MAC OS X, UNIX.
Version Control	GIT, SVN, Bitbucket.

PROFESSIONAL EXPERIENCE:

Company: Fidelity Investments

Role: Software Engineer

Oct 2024 – march 2025

RESPONSIBILITIES:

- Developed and maintained the **Trader Dashboard** platform, a **brokerage tool**, by implementing front-end functionalities with **Angular 17** and **TypeScript** and back-end features with **Node.js** to enhance usability and performance.
- Collaborate with product managers and stakeholders to gather and interpret UI/UX requirements and translate them into functional user interfaces.

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- Translate complex business requirements into intuitive and visually engaging UI designs using **Figma** and **Adobe XD**.
- Develop accessible and responsive interfaces based on user-centered design principles, adhering to **WCAG 2.1 guidelines**.
- Conduct **A/B testing**, analyze interaction patterns using **Hotjar** and **Google Analytics**, and iterate designs based on results.
- Collaborate with cross-functional teams including clients, developers, and project managers in agile sprints to deliver on project milestones.
- Maintain a consistent visual identity by implementing reusable UI components and shared design tokens.
- Utilized **AG-Grid** to implement advanced grid-based functionalities, improving the efficiency of data visualization and empowering users with seamless data management capabilities.
- Architected, implemented, and optimized robust APIs using **Node.js**, ensuring a scalable, secure, and high-performing back-end infrastructure to support the application's advanced trading features.
- Collaborated extensively with clients to thoroughly gather, analyze, and document requirements, ensuring that the platform's features aligned precisely with their business objectives and operational needs.
- Reviewed and analyzed detailed designs in **Figma** to ensure that the implemented user interface adhered closely to the visual and functional specifications provided by the design team.
- Worked in close **coordination** with **UI designers** and developers to address design-related challenges, improve user experience, and ensure a polished and cohesive product.
- Acted as a central communication hub, facilitating seamless **collaboration** between team members, including **UI/UX** designers, front-end and back-end developers, and QA testers, to ensure the timely and effective delivery of project milestones.
- Regularly participated in daily **stand-up meetings** to provide updates on progress, discuss potential roadblocks, and strategize solutions to keep the project on track.
- Worked extensively on **identifying, diagnosing, and resolving** complex application bugs, significantly enhancing the overall stability and performance of the platform.
- Implemented numerous feature **enhancements** based on client feedback and internal testing to improve functionality and optimize the end-user experience.
- Conducted thorough and **rigorous** testing of the application, including **unit testing**, integration testing, and end-to-end testing, to ensure a high-quality and defect-free product.
- Effectively utilized **GitHub** as a version control system to manage codebase changes, collaborate efficiently with the team, and maintain a clean and organized project repository.


Environment: HTML5, CSS3, JavaScript, TypeScript, Bootstrap, Angular 17, Redux, ES6, Node, Figma, Adobe XD, Postman, DOM, GIT, GitHub, SQL, Oracle, CORS, SASS, LESS, REST, SOAP, WSDL, Chrome Dev tools, Hotjar, Google Analytics, Cypress, VS Code, NPM, Agile, Scrum, JSON, XML, JIRA,

Prime Logic Tech, Hyderabad, India
Sr. Frontend Developer

Oct 2021 – Oct 2022

Responsibilities:

- Involved in Co-ordination with BA & PO for a better understanding of functional requirements, analyzed, designed, documented and implemented the business requirements.
- Developing web pages by using **HTML5, CSS3, jQuery, JavaScript, AJAX** and working knowledge of **Angular 11, Node JS** and **Bootstrap**.
- Developed Single page applications (**SPAs**) in **Angular 11** by using **Angular routing**, understanding of the Invocation Pattern of **Angular 11** and made Google app by using Android.
- Provide rich **RESTful** web services to support **SPA** model data needs in **JSON** format by use of **Angular 11**.

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- Created Angular custom services using service and factory methods, directives and used various angular services like \$rootScope, \$modal, \$location, \$q, geolocation Service, \$filter, roleAccess Service as dependencies.
- Utilizing Responsive web design to support usability in desktop, mobile, and tablet environments by using **Twitter Bootstrap** with **Angular 11** and **media queries**. Resolved cross-browser layout issues and used tools like **Yslow** for page speed optimization.
- Convert low-fidelity sketches and **Adobe XD** files into functional web interfaces with pixel-perfect accuracy.
-  Conduct accessibility audits and implement necessary enhancements to meet **WCAG** guidelines.
- Conduct usability testing sessions and analyze results using **Hotjar** and **Google Analytics** to drive continuous design improvement.
- Responsible for Unit testing using **Mocha/Chai** and end-to-end testing with JS and supporting the **QA & UAT** environments.
- Responsible for managing the interchange of data between the **server** and the users using **Node JS**.
- Daily **SCRUM** stand-up meeting and provided Demo to the business.
- Used **AGILE** development techniques in all the development process and exposed to tools like Jive for tracking bugs and Rally to track the agile development.
- Involved in designing and developing the **JSON, XML** Objects.
- Develop user interfaces for web applications using **React.js**, ensuring high performance and responsiveness.
- Build reusable **React.js** components and libraries for future use across projects, maintaining consistency and efficiency.
- Maintaining code integrity, organization, and cleanliness, following **React.js** best practices and coding standards.
- Developed screen functionality using **HTML, CSS, JavaScript** and **JQUERY**.
- Used **AJAX** for implementing part of the functionality for **Customer Registration, View Customer information modules**.
- Maintain the code base by frequent updates to revision control using **SVN**.
- Worked closely with business system analysts & Backend team to understand the requirements to ensure that right set of **UI modules** to build.
- Updated the progress of project in **JIRA**.
- Created wireframes & prototype for **web & mobile apps design** and **Mobile Application Design** for (Android & IOS).

Environment: Angular 11, HTML5, LESS, Bootstrap, Mocha/Chai, JavaScript, Git, SVN, Adobe CQ5, JSON, SourceTree, Jenkins, MS Excel, MS Visio, Node JS, REST, Splunk, App dynamics, Agile (SCRUM), REST, Jenkins, Kubernetes, TDD, SQL, Photoshop, Adobe CMS.

Accenflair It solutions, Hyderabad, India
Sr Frontend Developer

Jan 2020 – Sep 2021

Responsibilities: -

- Developed dynamic web pages using **HTML/HTML4, CSS2/3, jQuery, Bootstrap, JSON, Ajax**.
- Worked with **Agile** methodology for timely completion of the tasks.
- Refine **HTML** and **CSS** code to increase the webpage Accessibility.
- Implemented Presentation layer using **CSS Framework** Wore-framing and **HTML5**.
- Create mobile applications that run on multiple platforms, including **iOS** and **Android**.

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- Utilized **Ionic's** UI components and **Angular** framework to design the app, then use **Cordova** to build and package it for various platforms.
- Leverage **Ionic's** pre-built components, like buttons, modals, and lists, to create a consistent and attractive UI. Ensure cross-platform compatibility in design elements.
- Use **Cordova** plugins to add native device functionality, such as camera access and GPS, to enhance the user experience.
- Use **Angular's HTTPClient** or other frameworks to communicate with backend servers. Integrate **Cordova** plugins for handling network connectivity and storage for offline scenarios.
- Test the app on multiple platforms and debug issues that arise during development.
- Employ tools like **Ionic CLI** and **Cordova CLI** to build and test the app in various environments. Use emulators and real devices to ensure the app works as expected across platforms.
- Connect the app to backend services, like **RESTful** APIs, to retrieve and manage data.
- Implemented **AJAX** functionality using **JQUERY**, **JSON** and **XML**.
- Involved in the development of pages using Bootstrap framework.
- Build a filter bar able to sort movie by name, rating, date as well as title in both descending and ascending order.
- Created and used Reducers that received Actions to modify the store state.
- Maintained states in the stores and dispatched the actions using **redux**.
- Working with **ECMA** Script 6 features. For build of JSX and **ES2015 (ES6)** used Babel, webpack.
- Primarily focused on building user interfaces and client-side applications using **Angular 8** framework.
- Specialized in developing web applications leveraging Angular 8 for frontend development.
- Responsible for implementing user interface designs and interactions using **Angular 8**, **HTML**, **CSS**, and **TypeScript**.
- Specifically skilled in **Angular** framework, proficient in Angular 8 features, and capable of building complex web applications.
- Involved on **React JS Virtual** Dom and React views, rendering using components which contains additional components called custom **HTML** tags.
- Used **NPM** and **NPX** package runner to install necessary packages for projects.
- Used **React JS** components, Forms, **Events**, **Keys**, **Router**, **Animations**, and Flux concept.
- Handled **Java Multi**-Threading part in back-end component, one thread will be running for each user, which serves that user.
- Build Microservices for the delivery of software products across the enterprise.
- Designed and developed **Microservices** business components using **Spring Boot**.
- Designing and implementing scalable, **RESTful** and microservices-based mobile back-end. The back end is being written in **Java** using **Spring Boot** for simplicity and scalability.
- Involved to flex box for rendering rows and columns.
- Involve in writing application-level code to interact with **APIs**, **Web Services** using **AJAX**, and **JSON**.
- Set up Jest and Enzyme for unit testing.
- Debug the application using Firebug to traverse the documents and manipulated the Nodes using **DOM** and DOM Functions.
- Responsible for maintaining current websites that include updating web pages upload new content changes.

Environment: React.js, Angular,ionic,Redux, HTML5, CSS3, JavaScript, Bootstrap, ES6, Java 8, Spring Boot, Node.js, Next Js, JSON, Gulp, Webpack, Agile, GIT, Restful API, Sass, Less.

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Responsibilities: -

- Responsible for creating efficient design and developing User Interaction screens using **HTML**,
- **CSS3**, **JavaScript**, and **JQuery**.
- Used **JavaScript**, **JQuery** for user interactions in pages.
- Worked on creating responsive website for smart devices using responsive design and **media queries**.
- using **Bootstrap**.
- Used **JQuery** for service calls on pages to interact with the server for information.
- Rapid **prototyping** of design concepts.
- Experience with **jQuery**.
- Utilized various **JavaScript** and **jQuery** libraries for form validation and other interactive features.
- Designed and developed dynamic, single-page web applications using the **Angular 7** framework. Leverage **Angular** components, directives, and services to build modular and maintainable code.
- Implemented responsive **web design** principles within **Angular** applications for optimal user experience across devices.
- Integrated with **RESTful APIs** and backend services to fetch and update data seamlessly.
- Created reusable components and modules, adhering to **Angular** best practices for efficient code organization.
- Proficient use of **Angular CLI** for project setup, code generation, and overall development efficiency.
- Involved in designing and developing the **XML** Objects with **MySQL**.
- Testing the website on multiple browsers with their old as well as latest release.
- Using complex Object-Oriented concepts in improving the performance of the websites.
- Worked closely with **QA team** in fixing the reported bugs/defects and checking cross platform.
- Compatibility.
- Created forms to collect and validate data from the user in **HTML** and **JavaScript**.
- Active participation throughout the entire software development lifecycle from project inception, to
- Code development and elaborate testing of the various modules.
- Developed **SQL** queries to perform insert, update or delete operation on **MySQL** database.
- Responsible for authoring website functionality with **JavaScript**, **HTML**, **CSS**.
- Used **CSS Sprites** to decrease the number of **HTTP** requests and load time of web pages.
- Worked on cross browser compatibility issues.

Environment: HTML, CSS, JavaScript, Bootstrap, DOM, MySQL, Ajax, XML, UNIX, SVN

Sutherland Global Services, Hyderabad, India
Consultant

Feb 2016 – August 2017

Responsibilities: -

- Designed and developed various Web forms using **HTML**, **CSS**, and **JavaScript**.
- Coding site in **HTML**, **XML**, **CSS**, **Flash**, **MySQL**, and **JavaScript**.
- Involved in designing **UI Screen**, created several mockup Using **HTML**, **CSS** and **JavaScript**.
- Front-end validations are done using **JavaScript**.
- Participated in analyzing the requirements and depicted them through use cases and scenarios.
- Participated in unit testing, integration testing and installation of the system.

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- Involved in **Web design** and development for the **UI** interface design, graphic design for printed materials and presentations, illustration, logo design. Used **HTML, CSS, and JavaScript**.
- Contributed to decision making of the software and hardware requirements and tool evaluations.
- Involved in complete **SDLC** – Requirement Analysis, Development, System, and Integration Testing.
- Developed non-functional **HTML, CSS** pages from the mockups and involved in **UI** review with UI architect and Business Units.
- Tested/De-bugged on browser using **Firebug**.

Environment: HTML, CSS, MySQL, JavaScript, JQuery, AJAX, Windows XP, SVN

Education:

Jan 2023 - May 2024

Masters in Computer Science from University of Central Missouri.