**Satya Vemuri**

Front End Developer/AWS Developer

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*510-854-1314*

**Professional Skills :**



* Over **15** years of professional experience as a UI Developer, with expertise in database architecture, design, development, and module installation.
* Skilled in developing dynamic, responsive websites, emphasizing content management, interactive portals, and complex online systems adhering to WCAG and W3C standards.
* Proficient in developing web applications using HTML5, CSS3, JavaScript (including ES6), jQuery, Bootstrap, AngularJS, ReactJS, Redux, Node.js, and Express.
* Experienced in creating Single Page Applications (SPAs) with AngularJS and optimizing performance in ReactJS to handle large data sets.
* Extensive experience in accessibility standards & compliance, including WCAG 2.0, WCAG 2.1, CVAA, ADA, Section 504, and Section 508.
* Adept at using state management tools like Redux, implementing middleware (e.g., redux-thunk, redux-saga), and optimizing applications for seamless state transitions.
* Skilled in using CSS preprocessors (LESS, SASS) and templating languages (Swig, Jade, Handlebars).
* Hands-on experience with MongoDB for NoSQL database operations, including CRUD functionalities.
* Proficient in creating Responsive Web Designs using CSS media queries and frameworks like Bootstrap.
* Expertise in debugging and browser compatibility, ensuring seamless user experiences across browsers such as Chrome, Firefox, Safari, and Internet Explorer.
* Extensive experience in AWS cloud services, including EC2, S3, Lambda, DynamoDB, API Gateway, CloudFormation, CloudFront, and RDS.
* Skilled in building and deploying serverless applications using AWS Lambda, API Gateway, and DynamoDB, incorporating best practices for scalability and performance.
* Experience in monitoring and managing AWS resources with CloudWatch, implementing alarms, metrics, and dashboards for observability.
* Knowledge of IAM for managing roles, permissions, and secure access to AWS services.
* Experienced with build tools and task runners like GRUNT, Gulp, and Maven for streamlined development processes.
* Strong experience in AGILE methodologies and Scrum practices, collaborating effectively within development teams.
* Proficient in unit testing and E2E testing with tools like Jasmine, Karma, and Protractor.
* Skilled in version control tools, including Git and SVN, ensuring efficient code management and collaboration.
* Experience in Microsoft Dynamics CRM customization and extension.
* Adept at writing, maintaining, and updating technical documentation to reflect daily changes in the development environment.
* Skilled in Proof of Concepts (POC) and Research & Development (R&D) to explore emerging technologies.
* Self-motivated and capable of handling multiple projects independently or collaboratively, with strong problem-solving and analytical abilities.
* Experienced in the Software Development Life Cycle (SDLC), encompassing analysis, design, development, testing, and support.
* Dedicated to ensuring quality through code reviews, unit testing, system testing, and best practices.

**Technical Skills**



* **UI Web Technologies** HTML/HTML5, XHTML, XML, CSS/CSS3, JavaScript, Angular JS,
* React JS, Kendo UI,Oracle JET,Knockout JS , Node JS, AJAX, j Query, JSON, DOM, ECMA Script 6,Typescript and Java.
* **Cloud Services**: AWS Lambda, API Gateway, S3, CloudWatch, IAM, DynamoDB.
* **Version Control Tools** GIT, SVN, Bit Bucket
* **Databases** Oracle 10g, My SQL, Mongo DB
* **Operating Systems** Windows XP/Vista/7/8, MAC OS X, U buntu , LINUX, UNIX
* **Web/App Server** Apache Tomcat, Web Logic,AEM
* **Testing & Debugging Tools** JIRA, Firebug, Google Chrome Web Debugger, IE developer
* **Tools:** jest, Jasmine, Karma, Mocha, Chai, Jenkins, J2EE
* **Workflow** Tool kit :Grunt, Gulp,Webpack
* **IDE’s** :Notepad++, Eclipse IDE, Sublime Text Editor, Atom, Visual Studio Code, web storm,

**Professional Experience**



**Starbucks March 2023 – TillDate**

**Senior React Developer with AWS**

* Developed user interface by using the React Js,Javascript Es6,Material UI for SPA development.
* Familiar with creating Custom Reusable React Components Library and Styled components.
* Implemented Single Page Application (SPA) using Material UI,React Hooks,Readux Toolkit.
* Used React-Router to turn application into Single Page Application.
* Make sure the web apps/sites responsive to all digital devices meet in accessibility following WCAG 2.0 Guideline and ADA technical standers.
* Performed unit testing using Jest,Enzyme,testing-library and end to end testing using Cypress.
* Used GIT hub repository for the source code management, code reviewing andJenkinsfor Continuous Integration and Continuous Deployment (CI/CD).
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Designed CSS based page layouts that are cross-browser compatible and standards-compliant.
* Designed and developed the Requirements using Agile Scrum methodology by breaking down the project to several stories.
* Integrated AWS services such as S3 for storing assets and API Gateway for routing requests.
* Developed and deployed serverless applications using AWS Lambda for backend logic.
* Implemented IAM policies for secure API interactions and ensured compliance with company standards.
* Monitored and maintained AWS resources using CloudWatch for performance metrics and alerts.
* Support the development team and perform activities to resolve developer issues in a timely and accurate fashion
* Participate in the Engineering, Build and Release processes
* Ability to effectively partner with technology vendors to deliver against business objectives
Conducts research and makes recommendations on standards, products, and services
Ensures application and infrastructure architectural solutions are stable, secure, and compliant with Company standards and practices
* Implements all technologies in accordance with Information Security's guiding principles for highly sensitive data

**Environments: React JS, Redux Toolkit, Material UI, Styled Components, CSS, JavaScript (ES6), Jest, Enzyme, Cypress, Node.js, AWS Lambda, API Gateway, AWS Codepipeine,S3, Lambda, API Gateway, CloudWatch, IAM, GitHub**

**Thomson Reuters January 2021 – March 2023**

**Senior React Developer**

* Developed user interface by using the React Js,Typescript,Material UI for SPA development.
* Familiar with creating Custom Reusable React Components Library and Styled components.
* Implemented Single Page Application (SPA) using Material UI,React Hooks.
* Used React-Router to turn application into Single Page Application.
* Used React 16.8’s new feature Hooks to rewrite/re-factor front-end application and truncated down 30% codes (better maintenance).
* Developed the web application with the newest React features centralized with Hooks.
* Later re-implemented the front end authentication with native React Context and used React.useContext as syntactic sugar.
* Basically, replace all React class component with functional component. For stateful management, replaced with new Hooks like useState, useEffect, useReducer, and useRef.
* Experience with doing code reviews and resolving merge conflicts.
* Experience with integration with third pary suvey mechanism,where customer can provide feedback.
* Developed re-hydratable components to consume them from AEM.
* Used React JS in components like JSX, creating React Virtual components.
* Implemented Authorization and Authentication using AuthO for application.
* Implemented AJAX to request JSON data through third party REST APIs to acquire data from the server and display it in sorted order using react hooks useEffect.
* Used ReactJS to build the UI components, developed filters to display different dimension of data and font size modifiers.
* Performing UI accessibility advising & consulting to team to make robust HTML, CSS, JavaScript code following with Section 508 the Rehabilitation Act, ADA, WCAG 2.0, and WCAG 2.1 success criteria of level A, AA, and AAA.
* Make sure the web apps/sites responsive to all digital devices meet in accessibility following WCAG 2.0 Guideline and ADA technical standers.
* Performed unit testing using Jest,Enzyme,testing-library and end to end testing using Cypress.
* Used GIT hub repository for the source code management, code reviewing andJenkinsfor Continuous Integration and Continuous Deployment (CI/CD).
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Designed CSS based page layouts that are cross-browser compatible and standards-compliant.
* Designed and developed the Requirements using Agile Scrum methodology by breaking down the project to several stories.

**Environment: React JS,AEM, Typescript, Javascript, CSS3 ,SASS,HTML 5, GITLAB, SQL database, WACG 2.0 standards,Salesforce,VS Code,Node JS ,Agile,JIRA,Webpack.**

**Legislative Data Center ,Sacromento CA August 2019 – December-2020**

**Senior React Developer**

* Developed user interface by using the React Js, for SPA development.
* Familiar with creating Custom Reusable React Components Library.
* Implemented Single Page Application (SPA) using Material UI.
* Used React-Router to turn application into Single Page Application.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used React JS in components like JSX, creating React Virtual components.
* Implemented AJAX to request JSON data through third party REST APIs to acquire data from the server and display it in sorted order.
* Used ReactJS to build the UI components, developed filters to display different dimension of data and font size modifiers.
* Implemented map State to Props, map Dispatch to Props for the interactions between Redux and React.
* Worked with Redux Middleware Redux-Sagas while working with the CRUD operations like GET, POST, PUT and DELETE methods
* Perform audits on multiple webs and native apps following with WCAG 2.0 and 2.1 standards using accessibility automated tools set like ANDI, Perfecto, WAVE, aXe, and WAT, screen reader tools like JAWS, NVDA, Voiceover, and ZoomText.
* Implemented routing for all the components developed. created and injected reducers and sagas in store.
* Used GIT hub repository for the source code management, code reviewing andJenkinsfor Continuous Integration and Continuous Deployment (CI/CD).
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Have worked on AWS to fetch the pictures files from AWS to UI.
* Fixing issues on legacy application using technologies Oracle JET, Kncockout js.
* Designed CSS based page layouts that are cross-browser compatible and standards-compliant.
* Used jQuery for creating various widgets, data manipulation, data traversing, form validations, create the content on the fly depend on the user request, implementing AJAX features for the application.

**Environment: React JS , ES6,OracleJET, Javascript, CSS3 ,SASS,HTML 5, GITLAB, SQL database, WACG 2.0 standards,Salesforce,VS Code,Node JS ,Agile,JIRA,Webpack**

**CalSTRS , Sacromento CA June 2016 – July 2019**

**UI Developer**

* Creating UX for the new projects using Sketch**.**
* Develop dynamic web pages using HTML5, CSS3, Angular2/4, React, Kendo UI, Knockout Js, Bootstrap 3.3/4, d3.js, JavaScript and TypeScript.
* Worked on some of the new features of Angular 4 like new if else syntax, ng-templates, form validators.
* Developed single page web application using JavaScript framework KnockoutJs.
* Defined new validations through KendoUI for the form field validation implemented through HTML5.
* Consumed Telerik controls like KendoUI Grids, Toolbar, Charts.
* Consumed razor syntax code on cshtml pages.
* Worked with React JS Components, States, Forms, Events, Keys, and Lists.
* Created dynamic and reusable components using React JS and worked with React Flux architecture (Redux).
* Implemented spring MVC controllers like controller, simple form controller and multi action controller.
* Performing UI accessibility advising & consulting to team to make robust HTML, CSS, JavaScript code following with Section 508 the Rehabilitation Act, ADA, WCAG 2.0, and WCAG 2.1 success criteria of level A, AA, and AAA.
* Responsible for creating a transit and volume analytics app using D3 charts in Angular.
* Use elements of D3.js (Line Chart, Bar and Donuts Chart etc.) for Data Visualization.
* Make the application responsive using Bootstrap.
* Used UI Router to create different hierarchy structure in single page application.
* Created custom directives and filters using AngularJS built-in $http service from controller through dependency injection.
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Created Angular service and integration with RESTful APIs.
* Used Angular $http to send GET/POST request to fetch data from server.
* Used open source library like Angular material to create customized components.
* Take part in configuration continuous integration implementation.
* Create Data Visualizations which are shown on the heat maps by details.
* I predefined few json structure so that its quite robust way to load the data into front end and make more increase in the performance toward the front end.
* Working with current development tools such as babel,gulp,browserify, Git, bower, npm and bundle.
* I made a dynamic packages and deployed into NPM, so that it can be reusable.
* Create Mock-ups and Prototypes, Web Interfaces, Layouts and Flow of Future Pages.
* Work within Agile environment and worked efficiently to meet the deadlines.

**Environment: React JS , ES6,KendoUI,Knockout JS, Javascript, CSS3 ,SASS,HTML 5, GITLAB, SQL database, WACG 2.0 standards,Salesforce,VS Code,Node JS ,Agile,JIRA,Webpack**

**Shinewell Technologies,Hyderabad April 2010 – June 2014**

**Web Developer**

* Developed dynamic web pages using HTML5, CSS3, jQuery, Angular JS, Bootstrap 3.3, JavaScript and Eclipse as Text Editor.
* Worked closely with SMEs, developers and other IT teams to understand the scope of the project and accordingly gather functional requirements of the project in order to design and implement the application.
* Participated in meetings with the end-clients to develop layout, color scheme for the web page and implemented them with the help of HTML5, CSS3 and JavaScript.
* Extensively used CSS (Cascading Style Sheets) along with RWD to apply different styles to the layouts for varying screen sizes and pixels.
* Used JSP's written in a 3-tier architect system with HTML, Java Applets, Servlets and Beans for the front end first tier. JDK 1.1 was the Java OOP language and our second tier. Finally, our back-end / data storage tier was in the Sybase T-SQL Program.
* Required to setup and maintain the servers that were used to develop in. The web server was an Apache Server and the JSP server was a Tomcat Server
* Reviewed customer feedback about the debugging issues, fixed bugs with HTML5 and JavaScript codes and worked on resolving browser compatibility issues.
* Developed components to fetch the data from the back end using AJAX and jQuery.
* Used SVN and GIT for version control.

**Environment: HTML, CSS, JavaScript, jQuery, AJAX, XML, SOAP, SQL, PL/SQL, Oracle, Windows**

**IServeSoft Pvt Ltd,Hyderabad January 2007 – March 2010**

**Java Programmer**

* Involved in developing HTML and JavaScript for client-side presentation and, data validation within the forms.
* Used jQuery for event handling and GUI functionalities.
* Used HTML and CSS for website layout and design.
* Responsible for creating mock-up’s (Balsamiq) for website.
* Responsible to fix styling issues.
* word on WordPress and created few pages and did some maintenance , enhancements on the site.
* Transformed design mock-ups’ into cross-browser compatible HTML / CSS layouts and implemented
* Contributed to servlet based application development.
* Assisted in maintaining and updating existing applications and modules.
* Contributed to development of client side and server side codes for external and internal web applications.
* Provided assistance and support to programming team members as required.

**Environment: HTML, CSS, JavaScript, jQuery, AJAX, XML, SOAP, SQL, PL/SQL, Oracle, Windows**

**Education and Certifications**



**Master’s: Computer Science , 2015**

*SanFranscisco Bay University*

**Bachelor of Technology: Chemical Engineering , 2006**

*Jawharlal Nehru Techological University*