Vidhya Krishnasamy

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# Sr. React JS Developer

**Summary:**

* Having 7+ years of experience in developing web UI applications using JavaScript, React JS, REDUX, Angular JS, JQuery, AJAX, GraphQL, PHP, Node JS, HTML4.0/5, CSS2/3, Bootstrap, MONGODB, JSON and XML.
* Experience in implementing Responsive web design and Single Page Applications (SPA).
* Responsible for developing a front-end application using React JS and FLUX architecture for internal team's productivity use.
* Designed and developed client's website screens and front-end widgets using React JS.
* Expertise in Building Components by using React and Redux / Flux.
* Built Rich Prototypes and Applications using HTML, CSS, JavaScript, JQuery, Ajax, JSON, AngularJS and Bootstrap with MySQL database.
* Strong focus on Responsive Web Design, compliance with W3C Web Standards, applying best practices and leveraging web development by using modern UI/Front-End libraries, frameworks and tools.
* Widespread experience on accessibility standards & laws and code core components: HTML5, SCSS, JavaScript, WCAG 2.0, WCAG 2.1, ADA, Section 504, and Section 508.
* Implemented unit tests using Jasmine on Karma.
* Experience in end-to-end lifecycle of PHP based implementations.
* Experienced in using web services like SOAP, REST.
* Experienced in working with XML processing tools. Knowledge of various web-based applications
* Experience in developing web applications with Cross Browser Compatibility using HTML5, CSS3. My Specialty is large scale CSS, focusing on reusability and modularity using CSS preprocessors like LESS.
* Good experience on working with CSS Background, Animations, and Layouts, positioning, border, margin, padding, table, Pseudo classes, Pseudo elements and CSS behaviors including the Box model.
* Familiar with Gulp and Grunt task runner to manage project and Bower package manager to install libraries such as J-Query and Bootstrap.
* Created API-driven interactive applications utilizing AJAX technology.
* Experience in using agile/scrum methodology, TDD.
* Collaborated with UX and design teams, translating complex design mock-ups into high quality, accessible, W3C standards-based code.
* Expertise in gathering, documents and analyzing business requirements and worked on many project methodologies like Agile/ Scrum.
* Well versed with SVN (tortoise SVN), GitHub, Sublime text, Notepad++ and Brackets. Experience working with testing tools like Firebug, Chrome or safari web inspectors and IE Developer Toolbar.
* Strong problem-solving, organizing, communication and planning skills, with ability to work in team environment.
* Has the knowledge on Gatsby for deploying the build.
* Excellent analytical and communication skills with capability to handle new technologies.

**SKILLS SET:**

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| Web Skills | HTML 4/5, XHTML, CSS/CSS3, SASS, JavaScript, Angular, Bootstrap, React, Redux, jQuery, XHR/ AJAX, JSON, NodeJS, Typescript |
| JavaScript Framework | Vanilla JavaScript, Frameworks/Libraries(jQuery, Angular 2, React, Redux), Node, Express, Jade, Ejs, handlebars, 3rd party libraries(modernizer, highcharts, …), Webpack, grunt, angular2 CLI |
| Programming Languages | JavaScript, PHP, Java Core |
| Markup & Styling | HTML5, CSS2, CSS3, Bootstrap, Less, Sass, HTML5 Boilerplate, Normalize |
| Servers | XAMPP, Apache. |
| Java | Vanilla java core, Servlets & JSP |
| PHP Framework | Vanilla PHP, CodeIgniter |
| Task Runners | Grunt, gulp |
| Unit Testing | Jest, Enzyme |
| Designing Tools | Adobe Photoshop, Illustrator, Dreamweaver |
| Version/Source Control | Git, GitHub, Bitbucket |
| Agile Tools | JIRA, Rally |
| Package/Dependency Manager | NPM |
| Databases | MySQL, MongoDB, Firebase |
| Project Management | Agile Methodologies (Backlog-Iteration-Sprints, Standup, Meetings, Remote Program/System Advance Demos to Client And Scrum/Onsite Team, Retrospection) Cycle. |
| Other Tools/Software | Dreamweaver, Illustrator, Photoshop, after effects, Chrome DevTools, RESTful web services, MS Office Suite, Visual Studio, Slack, Virtual Box, Balsamiq Mockups… |

**Work Experience:**

**Lowe’s, Charlotte, NC Feb 2022 – May 2023**

**Sr. React Js developer**

* Involved in developing presentational and container components using React.
* Worked with designer who designed user interfaces and prototypes for a web-based internal system.
* Used context user data for data flow throughout the application.
* Configured redux store, reducers and actions. Used sagas for handling middleware and 'fetch API for rest calls.
* Added react-router with secure navigation and unsecure navigation.
* Used react-Datagrid to populate the dynamic data within the table. Used react-bootstrap and SASS for handling responsiveness in the application and parse correct styles on prop changes.
* Configured web pack to transpile react and JSX to ES5 using Babel and react-loaders, Added css-loader and sass plug-in for pre-compiling SASS to CSS. Used HTML5plugin to create the index.html file with generated hashed js and css files. Added proxy for Webpack-server.
* Used Angular forms like Template Driven forms and Reactive forms (Dynamic Forms) to perform form validations.
* Created Angular service and integration with RESTful APIs. Used Angular HTTP Client to send GET/POST request to fetch data from server.
* Solid understanding of React Virtual Dom Algorithm, for React performance optimization.
* Implemented dynamic page elements and form error validations.
* Added interceptor logic for all rest API's that adds headers for all API calls and validates request before sending to server.
* Developed responsive client-side application to integrate with server side using JavaScript, jQuery, Angular, Node.js and Bootstrap.
* Configured node application, created rest API's using Express Js.
* Used service core to generate token and used tokens for API authentication with application key.
* Written GitLab CI script to run ci-tests on every push. Configured Jenkins for auto deploying the code to development box.
* Used GIT for version controls.
* Resolved Cross Browser Compatible Issues for different version of IE, Safari, Chrome, Firefox and Opera.
* Maintain, enhance, and recommend solutions that best suit business and technology needs from UI standpoint.
* Involved in Agile process, two-week Sprints, and daily Scrums to discuss the development of the application.
* Worked closely with product, UX and business team to build applications & reach business goals through front end development and UX.

**Environment:** React JS, Redux, Angular, babel, react-bootstrap, react-datagrid, promises, node, Mongoose schema, MongoDB, SASS, Servicecore, Jenkins, Jest, JSON, Web-pack, GIT, Jasmine, Photoshop, Karma, Grunt.

**Client: Tech Mahindra, Bangalore, India Feb 2021 – Jan 2022**

**Role: Sr. React JS developer**

**Responsibilities:**

* Involved in all the phases of Software Development Life Cycle (SDLC) including Requirements gathering, Designing, Programming, Testing and Documentation of various projects.
* Interaction design, iOS and Android design, UI and a working knowledge of CSS and HTML
* Working knowledge on developing the UI pages from scratch using HTML5, CSS3, JAVASCRIP, REACT JS, PHP Ajax and JQuery.
* Used Angular js, JQuery, JavaScript, HTML, and CSS for front end web designing.
* Implemented functionality using Angular, Typescript and ES6.
* CSS styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
* Involved in Agile methodologies and full software development lifecycle of Designing, coding, testing, debugging and support.
* Enhanced application performance by Angular Component based development in view of future Angular framework transitions.
* 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.
* Utilized Observables for http error handling with catch and throw RxJS operators.
* Maintaining Parent and child elements by using State and Props in React.js.
* React and Functional Driven JavaScript expert in SPAs, UI Components, Mobile web and Performance optimization.
* Involved with popular React-Native s workflows (such as Flux or Redux)
* Used ReactJS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.
* Tested and applied the branding on a step by step procedure using Karma, Jasmine.
* Implemented data management and manipulation on single web page by using PHP and MySQL.
* Allowed users to view data in grid and implemented edit feature for users with the use of PHP and MySQL.
* Developed image uploading feature and saved its path in database with the help PHP and MySQL.
* Used services to read data from remote server using React.JS
* Used React.JS library functions for the logical implementation part at client side for all the application.
* Created React.JS for reusable components (multi-field form elements, background file uploads.
* Maintained states in the stores and dispatched the actions using redux.
* Developed various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Implemented flux pattern by using redux framework as a core dependency.
* Architected and Developed for Large Scale JavaScript Application with React.JS
* Implementing ES5/ES6/ES7 features such as arrow function, Class, Module, Generators, Set and Map etc.
* Have worked on AWS for fetch the pictures files from AWS to UI
* Implemented the Drag and Drop functionality using React-Draggable.
* Created React JS components using JSX, followed FLUX design pattern for unidirectional data flow.
* Implemented WCAG 2.0 Technical Standards for Web Accessibility.
* Involved in developing Tables, Stored Procedures, Triggers, Indexes and Functions SQL Server.
* Involved in cross platform Validation and Exception Handling policies.
* Involved in SCRUM and AGILE meetings to discuss the status of the project.
* Extensively involved design discussions and user experience sessions to provide inputs on the layout and UX.
* Configured Jenkins to create Docker image for build and performed tests on a Docker container.
* Working with command line tools with bash (Linux) and Git bash
* Integrate REST API Auth2.0 for all user sign-n with token and session-based individual user login.
* Experienced automatic build process by using Jenkins and Maven.
* Extensively used version control and configuration management tools GitHub, GitLab and CI/CD tool JENKINS, Docker, Kubernetes for regular Deployment.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Developed unit tests with Mocha, Chai, Enzyme, JEST.
* Skilled at creating controllers, models, filters and services using React to create Rich UI applications.
* Configure build tools like Webpack, Gulp, grunt
* On daily basis interacted with Business Analysts and Scrum Masters to fix the issues.
* Involved in System Testing, Regression Testing for Complete UI.

**Environment:** React.js, Redux, Flex, Node.JS, PHP, JavaScript, HTML5, SAAS, CSS3, jQuery, JSON, Bootstrap, AJAX, Core Java, Mocha, MVS, WebDriver, Sublime, GIT, Grunt, Firebug, Agile development, Optimizely, Jira, AWS.

**Vodafone, Bangalore, India. Nov 2019- Jan 2021**

**Role: ReactJS developer**

* Built Web pages that are more user-interactive using HTML5, CSS3, JavaScript, PHP, jQuery, NodeJS, React js Redux for State Management.
* Building reusable components and front-end libraries for future use.
* Developed Angular Single Page Application consuming JSON data from Restful services.
* Implemented HTTP requests using RxJS Observable library to handle multiple values over time. Created
* Optimizing components for maximum performance across a vast array of web-capable devices and browsers.
* Responsible in transforming the wireframes and mockups to develop web pages.
* Used Material UI, Angular Material and controls for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Strong proficiency in JavaScript, including DOM manipulation and the JavaScript object model
* Thorough understanding of React.js and its core principles
* Involved with popular React.js workflows (such as Flux or Redux)
* Familiarity with newer specifications of ECMAScript.
* Used ES6 and JSX with react for component development.
* Extensively involved design discussions and user experience sessions to provide inputs on the layout and UX.
* Familiarity with RESTful APIs.
* Configured Jenkins to create Docker image for build and performed tests on a Docker container.
* Worked on Digital Asset Management, to manage and store all the media.
* Maintained STATES in the store and dispatched the ACTIONS using Redux.
* Involved with Redux Middleware Redux-axios, Redux-sagas while working with the CRUD operations like GET, POST, PUT and DELETE methods.
* Development of custom modules using PHP, AJAX, Javascript, Jquery, JSON
* Integration with client's ERP system using REST API through PHP calls
* Laravel PHP-MySQL connectivity was used to fetch required data from the database.
* Involved on modern authorization mechanisms, such as JSON Web Token
* Implemented and involved with version control and configuration management tools GitHub**, GitLab** and CI/CD tool JENKINS, Docker, and Kubernetes for regular Deployment.
* Using AEM for content authoring.
* Implemented with common front-end development tools such as Babel, Web pack, NPM, etc.
* Ability to understand business requirements and translate them into technical requirements
* Implemented TDD (Test Driven Development) approach by using testing tools such as Jasmine, Karma.
* Implemented in checking cross-browser compatibility for different versions of IE, chrome, Firefox, Safari.
* Maintained on code versioning tools such as GitHub, SVN, and Mercurial
* Used CSS SASS preprocessor and created various variables, custom fonts and directives.
* Extensively in Agile methodology, two weeks Sprint and daily Scrums to discuss the development of the application to deliver in time.

**Environment:** HTML5, CSS3, Bootstrap, Typescript, AWS, Web services, React JS, Redux D3.js, JavaScript, AEM, JSON, Git, Karma, enzyme, Jasmine, Jira, Node.js, NPM.

**Divum Corporate Services Pvt Ltd, India Aug 2018- Sep 2019**

**Role: UI/React JS Developer**

* As a major role in developing React & Redux to delivery high performed features and great experience for production.
* Used the functionalities to write code in HTML5/HTML, CSS3/CSS, React.js, JavaScript, jQuery, Ajax, JSON, and Bootstrap.
* Used various predefined components from NPM (Node Package Manager) and used Redux library for application state management.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Involved in building stable React components and stand-alone functions to be added to any future pages.
* Implemented the Drag and Drop functionality using React-Draggable.
* Translating designs and wireframes into high quality code.
* Extensively used React-Hooks from functional components for state and lifecycle features.
* Created and used Reducers that received said Actions to modify the Store State Tree.
* Working with internal REST APIs to provide read and write data to our back-end services.
* Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
* Involved in Restful web services to call for POST, PUT, DELETE and GET methods.
* Work with platform/integration tracks to identify the usability of those components.
* Write maintainable code with extensive tests and version control.
* Participates in design reviews and provide input to design recommendations.
* Cooperate with the lead and backend developer of the application.
* Coordinate with site DevOps and Release Engineering team for system deployment on various environments.

**Environment:** HTML 5, CSS3, JavaScript, Bootstrap, Ajax, React.JS, Redux, Flex, My SQL, XML, XSL, XSLT, JSON, Bitbucket, Git hub, Restful API, Mongo DB

**BitSys Infotech, India Jun 2016 - Aug 2018**

**Role: UI Developer**

* Designed and developed Web pages using HTML, CSS.
* Defined and developed the application's presentation layer using HTML5, CSS3, and JavaScript.
* Developed data insertion forms and validated them using JavaScript.
* Used JavaScript to make dropdown menus on web pages and displayed part of a web page upon user request.
* Learned all necessary front-end skills, a mastery of CSS, HTML.
* Good knowledge of debugging JavaScript and html code with Firefox Firebug and Google chrome JavaScript debugger.
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Performed XML Transformations from value objects to XML and from XML to HTML data.
* Used SOAP web service and deployed applications on Apache Tomcat Server.
* Fixed bugs and provided support services for the application.
* Primary role was to improve GUI, solve the navigational issues and provide support to the senior web developers.
* Involved in designing and developing the GUI for the user interface with various controls.
* Used Adobe Photoshop for creating different banners and designs.
* Used SVN for the concurrent development in the team and for code repository.

**Environment:** HTML, CSS, JavaScript, Apache, XML.