**BHAVYA D**

E-Mail: bhavyad003@gmail.com

 Mobile No:+1 224-208-8973

 LinkedIn: www.linkedin.com/in/bhavya-dyapa-3118b5300

**Senior Full Stack Developer**

**SUMMARY**:

* Over 8+ years of IT experience which includes of Extensive experience as a React JS Developer and experience as Full Stack Software Developer experience as a Java Developer.
* Extensive experience in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript, ECMAScript(ES5, ES6, ES7), React JS, Redux, Restful(Axios), Flex, Angular JS (1.X) JQuery, JSON, Node.js, Ajax, JQUERY Bootstrap, Java and JSP.
* Experienced in MERN stack development Mongo dB, Express, Node, and React.
* Experience in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile and SCRUM.
* Extensive knowledge in developing single - page applications (SPAs).
* Working knowledge of Web protocols and standards (HTTP HTML5/XHTML/XHTML-MP, CSS3, Web Forms, XML, XML parsers)
* Good experience on customizing CSS frameworks like Bootstrap and Foundation using CSS pre-processors LESS or SASS and Compass.
* Implemented easy to use Bootstrap plugins for building carousel, accordion, modal windows etc.
* Good Expertise in analyzing the Document Object Model (DOM) Layout, DOM Functions, and Java Script functions, Cascading Styles across cross-browser using Fire Bug, Developer Tool Bar.
* Expertise in React JS framework to develop the SPA.
* Experienced in React JS and working with React Flux architecture.
* 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, plus Redux, Animations and Flux concept.
* Good Experience in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Familiar with creating Custom Reusable React Components Library.
* Expertise in using Angular JS Directives, Controllers, Filters, Services, Templates, Events and Injectors.
* Experienced in working with Node.JS and NPM modules like http-server, Marathon, inquirer, path, mongo DB, Micro Services, Request, Elastic Search, express, luck, spark and templating engines.
* Experience in Node environment using Node.js, NPM, Grunt, Gulp Bower.
* Strong in using the Node.js, and Require.js and MVC Frameworks in the development of the web application
* Expertise in implementing the MVC architecture in backend applications using JAVA along with spring, Servlets.
* Extensive experience in developing applications using Java and various J2EE technologies including java/J2EE technologies JAVA, Spring, REST, SOAP, JAX-WS, JAX-RS, Hibernate, JDBC, JSP, Servlets, JSTL, EJB, XML, and JMS.
* Expertise in writing SQL, PL/SQL, Stored Procedures, Cursors, Triggers with Oracle 9i/10g, MySQL, PostgreSQL, MongoDB, DB2, Blob storage and MS-SQL Server.
* Involved in writing application level code to interact with APIs, RESTful Web Services(Axios) using AJAX, JSON.
* Knowledge of utilizing cloud technologies including Amazon Web Services (AWS), Microsoft Azure Blob and Pivotal Cloud Foundry (PCF).
* Expertise in video coding by using HTML5, CSS3 and JavaScript.
* Expertise in RESTful, SOAP web services to integrate between Application to Application
* Experience with front-end development with back-end system integration.
* Proficient in using Unit.js testing framework along with Jasmine, Karma, Protractor, Mocha test runners
* Good Experience in Bug tracking tools like JIRA, HP Quality Center and Bugzilla
* Experience in Version Control tools like CVS, GIT, SVN and Clear-Case for Source Code version management.
* Experience in Jenkins and Maven
* Expertise in using IDE tools such as Notepad ++, Web Matrix, VS Code, Eclipse, Sublime Text Editor, IntelliJ IDEA, and Web Storm
* Ability to work effectively while working as a team member as well as individually.
* Excellent communication and Inter-Personal Skills, well organized, goal oriented.

TECHNICAL SKILLS:

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| Web Technologies | HTML, HTML5, CSS3, SASS, XHTML, XML, JavaScript, ECMAScript(ES5, ES6, ES7), AJAX, Axios, jQuery, WordPress, JSON, Twitter Bootstrap, React JS, Angular JS 1.x, Express JS, Node.js, GitHub, JAVA, J2EE |
| Programming Languages | C, C++, JAVA, MySQL, C#, VB.Net, ASP.Net, web Services. |
| Frameworks | React JS, Angular JS (1.x), Node JS. |
| Development tools | Eclipse, Web Matrix, Web Strom, Bonita, Sublime, Dreamweaver, and Notepad++. |
| Test Frameworks | Junit3.8/4.0, Load runner, Jasmine, Selenium, T-probe, Easy Mock |
| Database | MONGO DB, PostgreSQL, Spunk data storage (Big data), Oracle 8i, 9i, 10g, SQL Server 2000, 2005 & 2008; IIS 6.0/7.0 |
| Debugging tools | Firebug, Bugzilla, Chrome Developer Tools, IntelliJ. |
| Servers | IBM Web Sphere, Apache Tomcat, BEA WebLogic 8.1, J Boss, HTTP Web Server. |
| Platforms | Windows 95/98/NT/2000/XP/Vista, Sun Solaris 9/10, IBM-AIX 5.2/5.3, Linux 5/6. |
| Methodologies | Agile, Rational Unified Process (RUP), UML Water fall |

**PROFESSIONAL EXPERIENCE:**

**Client: Amazon, Irving, Tx**

**Job Title:** **Senior Full Stack Developer August 2022-Present
Responsibilities:**

* Worked on an Agile (Scrum) Development Team to deliver regular updates to business team and project managers.
* Involved designing web pages using HTML 5, CSS3, JavaScript, ES6(ECMAScript), Bootstrap, SASS, LESS, React.js, Redux, Flex, Mongo DB.
* Development of scalable and high-performance e-commerce platforms using React for the front-end and Node.js for the back-end, ensuring a seamless shopping experience for users.
* Responsible to Style, look and feel of the web page with SASS that extends CSS with dynamic behavior such as variable, mixing, operations and functions.
* Researching JavaScript based frameworks like React Native and Ionic/Cordova for frontend.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Led the strategic planning and roadmap development for front-end and back-end technologies, aligning with business goals and objectives.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Used React JS for templating for faster compilation and developing reusable components.
* Used React-Autocomplete for creating google maps location search on the webpage.
* Configured Web pack to execute linters, magnifiers, pre/post-processors, tests, transpires, etc. based on build target.
* Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the GitHub API through keywords.
* Ensured e-commerce websites were optimized for search engines by implementing SEO best practices, improving organic search visibility and traffic.
* Experience in e-commerce applications adhered to security standards and compliance requirements, such as PCI-DSS, to protect customer data and transactions.
* Implemented React container and presentational components (as Stateless and Functional components when applicable).
* Added Excel-Builder to download the Tabular data in Excel format using React.
* Implemented flux pattern by using redux framework as a core dependency.
* Have worked on AWS to integrate the server side and client-side code, EC2 for deployment.
* Involved AWS Elastic Beanstalk for deploying and scaling web application and services developed with Java and Node.js and Docker on familiar servers.
* Responsible for managing AWS resources in cloud and maintaining Continuous Integration and Continuous Deployment pipeline for fast paced robust application development environment.
* Experience in RESTful (Axios)web services to integrate between Server side to Client Side
* Worked with JASMINE unit test framework to write unit tests for JavaScript code.
* Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing.
* Handled cross browser/platform compatibility issues (IE, Firefox, and Safari) on both Windows.
* As an onsite coordinator, I have interacted with offshore team to give the Functional and Technical Knowledge and to track the status of the project.
* Managed resource allocation and workload distribution within the team, ensuring optimal productivity and efficient use of skills and expertise.
* Identified potential risks in projects and implemented mitigation strategies to ensure successful and timely delivery of software solutions.
* Used HP Quality Center to keep track of outstanding bugs to reduce downtime, increase productivity, and improve communication.

**Environment:** HTML5, CSS3, Bootstrap, SASS, LESS, Java Script, React JS, Redux, Flex, Web Strom, JSP, MS Office, HP Quality Center, Jasmine, GitHub, and Jenkins.

**Client: American Airlines , Washington, DC
Job Title: Full Stack Developer April 2019 - August 2022
Responsibilities:**

* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets accessibility and web browser standards for website.
* Led a team of full stack developers in the design, development, and deployment of complex web applications using React and Node.js, ensuring project milestones were met on time and within budget.
* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Managed multiple projects simultaneously, coordinating with cross-functional teams, including designers, backend developers, and QA testers, to deliver high-quality software solutions.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Developed user interface by using React JS, Flux for SPA development.
* Implemented react JS code to handle cross browser compatibility issues in Mozilla, IE 7, 8, 9, Safari and FF.
* 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 Web services (SOAP and RESTful) for transmission of large blocks of XML/JSON.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Maintained states in the stores and dispatched the actions using redux.
* Implemented the Drag and Drop functionality using React-Draggable
* Added Excel-Builder to download the Tabular data in Excel format using react.
* Used Excel Builder 3rd Party open-source library and tweak it to make sure it will work with IE11.
* Components for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
* In Phase Two, worked closely with the Back-End team to display data using the Custom Components, library Components, and Redux.
* Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
* Added Dynamic Functionality by creating and dispatching Action Creators that deployed Actions.
* Created and used Reducers that received said Actions to modify the Store State Tree.
* Optimized animation logic with optimistic functions to increase performance in rendering.
* Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
* Called the Restful (Axios)web services call for POST, PUT, DELETE and GET methods.
* Have worked on AWS for fetch the pictures files from AWS to UI.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Strong proficiency in supporting Production Cloud environments (AWS, VMWare) as well as traditional managed hosted environments.
* Used React flux to polish the data and for single directional flow.
* Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Worked with JASMINE unit test framework to write unit tests for JavaScript code.
* Extensively used debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
* Monitoring the offshore work and providing technical help to the offshore team for their JIRA tickets.
* Interacted with Testing Team, Scrum Masters and Business Analysts for fixing of Issues.
* Conducted performance reviews and provided constructive feedback to team members, setting goals and helping them achieve professional growth.
* Managed project budgets, tracking expenditures, and ensuring cost-effective use of resources without compromising on quality.
* Collaborated closely with UX/UI designers to ensure the implementation of intuitive and user-friendly interfaces that meet client specifications and user needs.
* Led client presentations and demonstrations, showcasing project progress, new features, and technical solutions, and gathering feedback for continuous improvement.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.

**Environment:** HTML 5, CSS3, Sass, Less, JavaScript, Bootstrap, Ajax, React JS, Redux, Flex, My SQL, XML, XSL, XSLT, JSON, Git hub, Restful API, Axios AWS, JIRA, Jasmine and Web Strom.

**Client: USAA, Hartford, CT
Job Title: Senior Full Stack Developer Feb 2016-March 2019**

**Responsibilities:**

* Participated in meetings with the business users to develop layout, color scheme for the web page and implemented them with the help of HTML5, CSS3 and JavaScript.
* Hands on experience on developing the components using Angular7 needed for the application from the scratch and customizing from various Angular related libraries to meet the application's functionality.
* Designed the look and feel of webpages using Adobe Dreamweaver software.
* Exceeded client expectations by building and maintaining websites from the ground up through the authoring and modification of HTML, CSS, and JavaScript codes.
* Shooting, stitching, and editing audio and 360 degree photos and videos
* Responsive web development and converting websites to WordPress
* Used ReactJS to build the UI components, developed filters to display different dimension of data and font size modifiers.
* Responsible for developing the UI pages using Angular 2/4, HTML5, CSS3, JavaScript, MaterialJS, PrimeNG,
* Bootstrap and adopted some internal libraries.
* Used React JS to render changing currency spreads and to dynamically update the DOM.
* Enhanced application performance by Angular 6 Component based development in view of future Angular framework transitions.
* Involved in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Created DOM for collections of data. Worked with several collections of data using JSON format. Datasets are collected from back end server PHP file using API and these data-collections are then requested back to client-side using HTML, DHTML and CSS.
* Converting Web form applications to use Bootstrap.js, Angular JS.
* Used Bootstrap and Angular JS, React.js and Node.js in effective web design.
* Involved Storing and retrieving data from Column Oriented Data Base MongoDB.
* Good amount of work done on Reactive forms in Angular2 and their Validations.
* Testing JavaScript frameworks Using Type scripting.
* Created forms to collect and validate data from the user in HTML and JavaScript. Developed the jQuery widget with functionality of progressively enhancing the look and feel of web page. Created an actions menu with jQuery that appears when checkboxes are selected
* Was responsible for checking cross browser compatibility and hence worked on different browsers like Safari, IE, Firefox, and Chrome.
* Done unit testing using karma. Developed application in jQuery frameworks in AJAX-driven websites using proxy to get the data from the back end in the form of JSON and XML to populate on the UI components.
* Worked on Rest Web services, to specify the business behaviors and backend calls
* Wrote services to store and retrieve user data from the MongoDB for the application on devices
* Worked extensively using CSS and Bootstrap for styling HTML elements.
* Worked in all phases of SDLC, including requirements analysis, design and development, bug fixing, supporting
* QA teams and debugging production issues.
* Utilized Bamboo and Git for deployment on servers and to move towards CI/CD.

**Environment:** HTML5, CSS3, JavaScript, jQuery, Angular 6, Node.js, A-Frame, Apache, PHP, Cloud APIs RESTful, Jenkins, SQL, Node.JS, karma, JSON, ECLIPSE.

**EDUCATION & CERTIFICATIONS**

* Bachelor in Electronics and Communication Engineering (JNTU) passed out in 2013
* Masters in Computer Science, Fitchburg State University passed out in 2023