Anjali Madhavi

UI Developer

984-322-8611

[anjalimadhavinakirikanti@gmail.com](mailto:anjalimadhavinakirikanti@gmail.com)

**Profile Summary:**

* Around 9 years of hands-on experience in efficiently coding websites and applications using modern **HTML, CSS, JavaScript, ES6, Bootstrap, React JS, Angular JS**, **React Hooks**, **Typescript, Redux, and node JS.**
* I have expertise in using various SDLC models like **Waterfall, Agile Scrum** process with Jira, and Sprint Planning.
* Proficient in developing web pages **using ReactJS, Node, jQuery, HTML5, CSS3, Responsive Web Design, and Bootstrap.**
* Good experience in developing and designing user experiences of web GUI applications using **Struts framework, Swing, HTML5/HTML/XHTML, CSS/CSS3, JavaScript, jQuery, and Ajax.**
* Proficient in building Web User Interface (UI) using **CSS, JAVA, RWD, JSP, JavaScript, DOM, jQuery,** and **AJAX** that follows **W3C** Web standards and are browser compatible.
* Experienced in React JS and working with **Redux architecture**.
* Proficient in using **AJAX** for implementing dynamic Web Pages where the content was fetched via API calls and updated the **DOM (JSON Parsing).**
* Used Web Services like **SOAP** and **RESTful** web services using Ajax, HTML, WSDL ,XML, XSDmJSON, JavaScript, and jQuery.
* Very good knowledge of **Document object model** (DOM) and functions
* Some experience with backend techniques such as **Java Spring Boot, and NodeJS**.
* Expertise in building user interface/SPA with **ReactJS** along with **React-router**.
* Experience with various MVC Javascript frameworks like **Angular.JS, BackboneJS, NodeJS, etc**.
* Developed Web UI using HTML, JavaScript, and JSP, also have experience with **Jira**, **Maven, and Spring**.
* Experience in working with **Java, HTML, SQL, JSP, and JavaScript** in the development process, also Performed various operations using **Core JAVA.**
* Experience in using IDEs including **Visual Studio, WebStorm**, **IntelliJ, Sublime Text3**, **Eclipse**, etc.
* Experience in version control tools **GIT** as well as JavaScript package manager **NPM** and **Yarn**.
* **AWS Lambda** is an event-driven, serverless computing platform provided by Amazon as a part of **Amazon Web Services**. It is a computing service that runs code in response to events and automatically manages the computing resources required by that code
* Implemented web application built with React in cloud computing services ,such as **AWS** and **Google Cloud** and implemented data storage on **AWS S3** bucket.
* Amazon Elastic Kubernetes Service **(Amazon EKS)** is a managed container service to run and scale **Kubernetes applications** in the cloud or on-premises. Deploy applications with Amazon EKS in the cloud. Deploy applications with Amazon EKS Anywhere. Deploy applications with your own tools
* Involved **CI/CD** pipelining using Git Bucket code repository and **jenkin** server
* Contribute to the development of **GraphQL** APIs.
* utilized **Remix** framework for rendering on servers (SSR).
* **Xamarin.Android** exposes the complete Android SDK for .NET developers. Build fully native Android apps using **C#** in Visual Studio.
* Have a good understanding of setting up & managing cloud servers like AWS,**Microsoft Azure** etc.
* Experience and building an isomorphic application using React.JS and Redux with **GraphQL** on server side.
* Built administrator page displaying profile information in React.JS and **GraphQL**.
* Major part of coding, involving React JS, Redux,**GraphQL**and NPM Modules to enhance the reusable components.
* Wrote data mutations in **GraphQL** which allows user to update their username and password information.
* Experience in Microservices Architecture with Spring Boot and Docker.
* Build Spring Boot **microservices** for the delivery of software products across the enterprise.
* Developed Spring boot application with **microservices** and deployed it into AWS using EC2 instances.
* Develop and provide support for Elastic Cloud solutions, including **e-commerce** integrations.
* knowledge on **e-commerce** data organization and relationships.
* Responsible for checking cross-browser compatibility and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox, and Google Chrome
* Strong communication skills, time management, a-nd Team skills to work hard to meet project deadlines in a fast-paced environment

**Technical Skills:**

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| --- | --- |
| Web technologies | HTML, HTML5, XML, CSS, CSS3, JavaScript**,**Typescript ,WSDL, XSD, jQuery, AJAX, DOM, GUI, Responsive Web design, AWS Lambda,JSON,ES6. |
| Web Frameworks | React JS, React-redux, Bootstrap, Node JS, Angular 2/4/5/6/8/10/11 |
| IDE’S & HTML editors | Visual Studio,IntelliJ, NetBeans,Sublime Text, Web Storm, and Eclipse |
| Web services | Apache Tomcat 5.0.25, HTTP Web Server, Perl, JBoss, and CGI. |
| Operating Systems | Android, MS Windows, and macOS |
| Methodologies | Agile Scrum, Waterfall, Design patterns, and Kanban model |
| Databases | SQL, Oracle, Cassandra, and Postgres. |
| Browser | IE, Firefox, Opera, Chrome, Safari |
| Other Skills | Good Communication, Problem Solving, Decision Making, Teamwork Critical Thinking Perseverance, and fast learning ability. |

**Work Experience:**

**Walmart (New Jersey USA) · Contract**

**Duration: Mar 2023 - Present**

**Role: Senior Front End Engineer**

**Responsibilities**:

* Participated in all phases of the software development life cycle including **requirements analysis, applications design, development, integration, Maintenance, installation implementation, and testing** of various client-server Web applications.
* Good Understanding of the **client requirements** and the flow of the application as well as the application Framework.
* Developed **React JS** custom components, React JS pages, and Web service calls for the application.
* Built **React JS** components library, including Tree, Slide-View, and Table Grid.
* Develop 100 percent **unit test coverage** for React modules using **jest and Enzyme** libraries
* Work on authentication & authorization flow using JSON Web tokens (JWT), Use authorization server-generated access token to protect application resources
* Using React for cross-platform interoperability, developing **mobile applications** for Android and iOS.
* Expertise in Maintaining websites, and software and understating and modifying existing code.
* Worked with **React JS** components, Forms, Events, Keys, Props, Router, Animations, and Flux concept.aw
* Worked in an **Agile-Scrum** development methodology to ensure delivery of high-quality work with monthly iteration, also involved in sprint planning and retrospectives.
* Designed dynamic client-side JavaScript codes to build web forms and simulate processes for a web application, involved in designing and developing the front-end web applications using web technologies like **HTML5 XHTML, CSS/CSS3,WSDL, XSD, JavaScript,Typescript, jQuery, and AJAX**
* Used **React Hooks** to develop UI Componebts that could be reused across the web Application.
* Adopted **React router** to construct a single-page application,which provided users a seamless and user- friendly experience during switching pages.
* Worked on **React hook** using **javascript** to manage status of controlled components ,such as visibality of some information and accessibility of a button.
* Checked authentication by using **React** lifecycle **hook** and Redirect method to prevent unauthorized visiting.
* Expertise in ReactJS/ **React Hooks** and working with Redux architecture.
* Used **React Hooks** to develop UI components that could be reused across the Web Application
* Utilized **React props** to transfer necessary data from parent component to child component.
* Using React for cross-platform interoperability, developing **mobile applications** for Android and iOS.
* Developed custom reusable components using **React JS.**
* Write performant code using core **Vuejs**, Vuex, and Vue Router to create websites and web applications
* Diagnose and fix bugs and other software defects in new and existing **Vue** applications
* Key Features of **Next JS,** Hot Code Reload, Automatic Routing, Component specific styles, Server-side rendering, Prefetch.
* Responsible for manipulating **HTML5, and CSS3** in jQuery as well as making the pages dynamic using **AJAX, JSON,** and **XML**.
* Developed code to call the web service/APIs to fetch the data and populate it on the **UI using jQuery/AJAX.**
* Used **JIRA** for project management as well as for Bug tracking
* Used **Git** as source code version control and deployed the **API** to a server on **AWS** to achieve auto-scaling.
* Used SVG and Canvas to define the graphics of the web.
* Experience in working with MVC Architecture and also in using version control(SVG)
* Used Scalable vector graphics (SVG) and Canvas animations for web pages.
* Built **unit-test** for the code developed using **Jasmine.**
* Maintain the backend components of the application using **PostgreSQL.**
* Responsible for making responsive web pages using Twitter bootstrap and media queries.
* Created and tested scripts using jQuery on various browsers Chrome, Firefox, Opera, Safari, IE, etc.
* Handled response data from **RESTFUL webservices** using **XML, JSON,** and **jQuery** to update UI Interacted with java controllers (**jQuery, Ajax**, and **JSON** to write/read data from back-end systems).

**Environment:** Java, Spring boot, SQL, Oracle, Postgres, Cassandra, HTML, HTML5, CSS, CSS3, Bootstrap,Typescript, JavaScript, ES6, React JS,C#, React-redux,Vuejs**,** Node JS, Next JS,JSON, JEST, Jenkins, GIT, Bitbucket, Dynatrace, Splunk, Agile Scrum, waterfall methodologies and Restful web services, React JS, Java, J2EE, Service Now, ECP, Iguazu-RPC, Docker, CICD

**Caterpillar, Irving Texas.**

**Duration: Sep 2021 - Dec 2022**

**Role: Senior Full Stack Developer**

**Responsibilities:**

* Hands-on experience with **Agile and Scrum methodologies**
* Used **React JS** for frontend framework and **Redux** architecture for creating data layers for unidirectional data flow.
* Used new **ES6** features in JavaScript like Template Literals, Modules, and Promises
* Used **HTML** 5 and **CSS** in the development of the front end of the application.
* Exposure to creating SPA using**React JS**, by using the concept of Virtual DOM.
* Implemented **XML parsing vs JSON** parsing for data handling on different applications.
* Regular interaction of RESTful API design calls to populate the UI on the app using some **crud operations** like **GET, PUT, POST, and DELETE.**
* Built highly reusable UI components with **React JS** and Styled Components to increase scalability and reusability.
* Designed and developed the agent portal using framework **React JS** along with **HTML5**, **CSS3**, and **Typescript**
* Used **AJAX** framework for **asynchronous data** transfer between the browser and the server.
* Developed API back ends using **Node.js** to allocate access to data in **MYSQL.**
* Designed PDF, Excel, and Print previews for all the reports in the application using **HTML, JavaScript, Type Script** **and SQL Stored Procedure.**
* Used **React Hooks** to use state and lifecycle methods inside functional components to decrease complexity and improve maintainability and extensibility of system.
* Used**React JS** for templating for faster compilation and developing reusable components.
* Used **React**-autocomplete for creating Google Maps location search on the webpage. c
* Converted dynamically generated HTML page to PDF using **JavaScript, Html, and Bootstrap.**
* 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.
* Experience with cloud-based technologies and services, especially with **AWS** services like EC2 and S3.
* Provisioning &amp; deployment of the Cloud Infrastructure to be hosted in Microsoft Azure.
* Have worked on Azure to fetch the files from Azure to UI.

**Environment:** jQuery, Web sphere application server, Bootstrap, MVC, JAVA, JSP, Perl, JavaScript, Design patterns, HTML, CSS, XML, SOAP, CSS3, React JS,Vuejs,Node.JS,C#, Responsive web design, Rest full API’S, Web Services, PL/SQL, UML, Ajax, JUnit, JIRA, ClearQuest.

**Client: AIG, Farmington, CT Aug 2019 to Jan2021**

**Role: Senior UI Developer**

**Responsibilities:**

* Coded dynamic and browser-compatible UI web pages using **JavaScript, HTML 5, CSS, jQuery,AJAX,**and **Responsive design** and **MVC frameworks**
* Worked on **CSS3 and Bootstrap** to create Response web designs for multiple departments
* Extensively used Debugging JavaScript using **Chrome developer** Toolbar, Firebug.
* Developed the server side using java and front end with **java scripting, XML, HTML**
* Created and maintained the framework and layout of each portal with **Cascading Style sheets (CSS)**
* Using the latest **HTML5** elements for video playback, content rendering using semantic tags such as article, section, Canvas, etc.
* Utilized a **React JS** app client to implement architectural and component front-end architecture.
* Utilized numerous predefined components from **NPM** and **React JS** to create a variety of front-end screens (Node Package Manager).
* Used Web pack, Babel, grunt and gulp for transpiration (compilation) configuration for **Typescript** to be converted to **JavaScript**
* Diagnose and fix bugs and other software defects in new and existing **Vuejs** applications.
* Bootstrap was used to create grids, layouts, and components for responsive web design. used Bootstrap elements including alerts, labels, alert menus, and navigation bars.
* To clone the project from BitBucket, use GIT bash instructions.
* Experience with **PostgreSQL** and knowledge of **SQL**
* Utilized a number of open-source libraries built on **React JS** for quick and effective project completion.
* Used **React JS** as the development framework to build a single-page application.
* Worked in using **React JS** components, Forms, Events, Keys, **Router**, **Animations**, and **Redux** concept.
* Experience with cloud-based technologies like AWS and back-end development
* Implemented **Jasmine** testing Environment to ensure functionalities of complex components creat by React.
* Experienced in React JS and working with React Flux architecture.
* Used Git for version control and GitHub for storing repositories

**Environment:** HTML5, CSS3, JavaScript, Bootstrap, Vuejs,React JS, AJAX, jQuery, JSON, XML, LESS, MongoDB, Jasmine, Karma, RESTful, Docker, GIT.

**NCR Corporation, Hyderabad.**

**Duration: Oct 2020- Sep 2021**

**Role: Full Stack Developer**

**Responsibilities:**

⮚ Implemented Angular modules and components for creating reusable, dynamic, and modular UI elements.

⮚ Used Angular CLI to generate components, services, modules, and other Angular constructs for rapid development.

⮚ Developed and implemented routing mechanisms using Angular Router for creating single-page applications with multiple views.

⮚ Utilized Angular's two-way data binding feature for real-time synchronization between model and view.

⮚ Worked on Angular forms, including template-driven and reactive forms, for handling user input and validation.

⮚ Implemented Angular Guards to protect routes and manage authentication and authorization in the application.

⮚ Optimized Angular applications for performance using techniques such as lazy loading, OnPush change detection, and Ahead-of-Time (AOT) compilation.

⮚ Integrated RESTful APIs into Angular services for seamless communication with backend services.

⮚ Created and utilized custom pipes for transforming and displaying data efficiently in the UI.

⮚ Designed and implemented reusable directives to extend HTML behavior and simplify repetitive DOM manipulations.

⮚ Leveraged RxJS Observables and Subjects for reactive programming to handle asynchronous data streams.

⮚ Configured Angular environment files for managing API endpoints and environment-specific configurations.

⮚ Debugged Angular applications using Chrome Developer Tools and Angular DevTools for identifying and resolving performance bottlenecks.

⮚ Designed custom Angular Material components to enhance UI consistency and maintain design standards.

⮚ Performed unit testing of Angular components and services using Jasmine and Karma to ensure code reliability.

⮚ Integrated third-party libraries and frameworks such as Angular Material, ngx-bootstrap, and PrimeNG to enhance UI/UX.

⮚ Migrated legacy AngularJS code to Angular for improved maintainability and performance.

⮚ Worked with Angular animations for creating interactive and visually appealing user experiences.

⮚ Collaborated with backend developers to define API contracts and ensure seamless integration with Angular applications.

⮚ Documented Angular project structures, best practices, and coding standards to facilitate team collaboration and onboarding.

**Environment:** HTML, CSS, JavaScript, jQuery, Angular js, Bootstrap, JSON, CGI, Perl, Ajax, Photoshop, MVC

**Athena Health, Hyderabad.**

**Duration: Feb 2016 - Oct 2020**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in designing and developing the **GUI** for the user interface with various controls.
* Develop and maintain the user interface of our e Commerce website using HTML, CSS, and JavaScript.
* Design and develop web applications from scratch, using modern web development frameworks and tools
* Work closely with clients and stakeholders to understand their needs and requirements for web applications
* Closely worked with the Business analyst to understand the technical requirements of the projects
* Developed the server side using java and front end with **java scripting, and HTML**.
* Used **MVN** commands to compile the application, build war, deploy on the server, start Server
* Design and development of Web pages using H**TML, and CSS** including **Ajax** controls and**XML.**
* Developed a web presentation layer using **HTML** and **CSS** according to internal standards and guidelines.
* Involved extensively in writing application-level code to interact with APIs, and Web Services using **JSON**.
* Designed and developed web applications using **JavaScript** and **CSS.**
* Responsible for developing cross-browser compatible applications and hence worked on different browsers like Safari, Internet Explorer, Firefox, and Google Chrome.
* Used **Agile** (SCRUM) methodologies during project development.
* Worked with View State to maintain data between the pages of the application.

**Environment:** HTML, CSS, JavaScript, jQuery, Angular JS, JSON, Ajax, Photoshop, MVC,GIT

**Education Details** :-Bacheler's in cse(2015) Jawaharlal Nehru Technological University, Anantapur