Vikram Ravi

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Portfolio : https://vikramportfolio.vercel.app/

Professional Summary:

- Around 5 years of front-end development experience, with a solid background in **Java** and **Adobe Experience Manager (AEM)** for back-end and content management solutions.

- Proficient in building Single Page Applications using **HTML5, CSS/CSS3, Bootstrap, SASS/LESS, JavaScript, Angular 17**, **React.Js, Next.Js** and **Redux** that follows W3C Web Standards and Browser Compatible.

- Innovative, dedicated and efficient in front-end and back-end development with hands-on experience designing, developing, and implementing applications using wide-ranging technologies, frameworks, and programming languages.

- Dedicated mentor and leader, with a proven track record in guiding junior developers, fostering their professional growth, and enhancing team performance through hands-on training, code reviews, and collaborative project work.

- Proficient in AEM's architectural concepts, including OSGi, apps, and content structure, sling web framework, and workflow development.

- Good experience on customizing CSS frameworks like Bootstrap, Material UI, and Foundation using CSS pre-processors like LESS or SASS and Compass.

- Experienced in working with redux architecture using complex Object-Oriented concepts in improving the performance of the websites.

- Experience in using React JS components, React Hooks, Forms, Events, Keys, Router, Redux, Animations and Flux concept.

- Expertise in implementing the MVC architecture in backend applications using JAVA along with Spring, JSP Servlets.

- Involved in writing application-level code to interact with APIs, RESTful Web Services using AJAX, JSON.

- Handled all aspects of the web applications including testing, debugging and deploying.

- Expertise in RESTful, SOAP web services to integrate between Applications to Application.

- Successful leadership in projects that resulted in a 30% increase in application performance, demonstrating a capacity to drive improvements and deliver high-quality solutions efficiently.

- Experience in Version Control tools like CVS, GIT, SVN and Clear-Case for Source Code version management.

- Experience following best practices like code reviews, unit testing frameworks, continuous integration and web standards for coding styles.

- Hard working, results-driven individual with excellent interpersonal and team skills developed through professional and extra-curricular experiences.

- Strong understanding of content management principles and the ability to leverage AEM to deliver personalized, content-driven digital marketing solutions.

- Self-starter always inclined to learn new technologies and Team Player with very good communication, organizational and interpersonal skills.

Education:

Masters of Engineering
University of Windsor, Windsor, Canada

Bachelor of Engineering
Anna University, Chennai, India

Technical Skills:

Web Technology	HTML5, CSS3, Bootstrap-3, SASS/LESS, Object Oriented JavaScript Programming, JSON, Python, SQL, Typescript and Java.
JavaScript frameworks& Libraries	Javascript, Typescript, React.js, Next.Js, JQuery, Angular 14, Node.js, Ajax, Express.js
Unit Test Framework	Jest, Enzyme
Content Management Systems & Frameworks	Adobe Experience Manager(AEM)
Debugging Tools	Chrome Developer Tools, Firebug, HTML Validator, Bitbucket, POSTMAN.
IDEs & Build Tools	Visual Studio Code, Eclipse, Web Storm, Sublime Text Editor, Notepad++.
Version Control Tools	CVS, SVN and GitHub.

Skills Experience:

Company: Scotia Bank,Toronto   **Job Title: Senior FullStack Developer**
Duration: Aug 2021 –Present
Responsibilities:

- Developed a Project Locator UI using maps to approximate users' current locations, enhancing user experience by displaying relevant results with pins on the map.

- Led the development of custom components within Adobe Experience Manager (AEM), enhancing content management capabilities and site functionality.

- Drove the migration of a legacy locator system to Next.js, achieving a 30% improvement in page load times and enhancing overall application performance, as acknowledged in positive feedback from users and stakeholders.

- Analyzed data from Excel sheets to derive mathematical formulas for business requirements, implementing custom graphs for insightful data visualization.

- Collaborated with designers to refine user interface designs, securing approval from the line of business for enhanced usability and aesthetic appeal.

- Utilized AEM Sling Models to streamline content rendering, improving site performance and maintainability.

- Developed reusable React components for multiple lines of business, facilitating efficient development and consistent user experiences across platforms.

- Managed and optimized Jenkins pipelines for PR deployments, introducing automation scripts that reduced deployment times by 40%, significantly improving the CI/CD process and receiving commendation from the development team for process improvements.

- Responsible for creating efficient design and developing User Interaction screens according to

the client requirements using HTML, CSS, JavaScript, jQuery, AJAX and JSON.

- Developed user interface using Asynchronous validation for the fast and user-friendly access using AJAX.
- Created custom carousel for React application without using any external library and made it dynamic to fetch content and display them on load.
- Understood the Business functionality and requirement and derived formulae for some of the tools in react apps to generate accurate data.
- Researched on Libraries like Highcharts and proposed for use of it after going through Pro's and con's of third party package.
- Worked with complete redesigns of a daily events website and focused on improving readability, utility, and overall User experience (UX).
- Researched and proposed usage of react google maps and made POC to prove its advantage when integrated to the current codebase.
- Responsible for creating the screens with table-less designs meeting W3C standards.
- Made Print/PDF functionality in the application by accommodating more attachment of images,graphs etc.
- Support other members of the team by reviewing their pull requests and help them in any task when required.

Environment: HTML, CSS, React.js,AEM, Rest API, Redux, XML, Jira, Bitbucket, Microsoft Visual Studio

Company: Ionixx Technologies,Chennai   **Job Title: Programmer**
Duration: June 2017 –April 2019
Responsibilities:

- Worked in Agile Development and maintained a good level of communication in the team going through all phases of SDLC of the web application using HTML5, CSS3, JavaScript and React JS to deliver user interfaces and components.
- Used React-Router to turn application into Single Page Application.
- Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
- Used React-Autocomplete for creating Google map's location search on the webpage.
- 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.
- Created and used Reducers that received said Actions to modify the Store State Tree.
- Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
- Created custom bar graphs for some application without using any library which changes dynamically according to data to represent years.
- Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.

Environment: HTML 5, CSS3, SASS, LESS, JavaScript, Bootstrap, ReactJS, Redux, Restful API, JIRA,and Web Storm.