

KIRAN BABU KOLA

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FRONT-END DEVELOPER

Results-oriented technical professional with expertise in UI/UX, front-end development utilizing and leading front-end technologies.

AREAS OF EXPERTISE

- Skilled leading all facets of the Software Development Life Cycle (SDLC), including Requirement Analysis, and Implementation and Maintenance.
- Strong track record of providing leadership and expertise to deliver IT projects and initiatives on schedule and within budget.
- Excellent communicator with the innate ability to manage multiple projects with competing deadlines and execute efficient troubleshooting.

TECHNICAL PROFICIENCIES

Web Technologies: W3C Validated HTML5, CSS/CSS3 via Sass Less, JavaScript, jQuery

Frameworks: JavaScript (React, Angular JS), MVC (Dotnetnuke Sitecore, Umbraco), Wordpress, Bootstrap 3, Angular UI,

Tools: Balsamiq, UX Pin, Adobe XD, Invisionapp Action/Sublime Text 3, Adobe Creative Suite, Github, Coda, Espresso, WAVE, Windows Screen Reader, NVDA Screen Reader, Mindnode Pro, Axure, Invision APP.

PROFESSIONAL EXPERIENCE

SOCIAL & SCIENTIFIC SYSTEMS

Front-End Developer/ (06/2017 – present)

Project: U.S. Department of Health & Human Services - HCUPnet

Key Achievements:

- Involvement in all stages of Software development life cycle including Analysis, development, Implementation, testing and support.
- Involved developing Mind maps, Wireframes and Prototypes.
- Involved in development of User Interface using **Jade, Stylus, JavaScript, and jQuery, AJAX, JSON and Backbone JS.**
- Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
- Involved to implement various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.

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- Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
- Implemented stable React components and stand-alone functions to be added to any future pages.
- Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
- 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.
- Developed the React container and presentational components (as Stateless and Functional components when applicable).
- Extensive experience using **Bootstrap** for layout and involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML.
- Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions.
- Created reusable templates and style sheets based on UI standards and guidelines; Performed functional tasks using specifications and wireframes.
- Extensively used Debugging JavaScript using Chrome developer Toolbar, Firebug.
- Developed the UI with extensive use of JavaScript, JSON and Ajax.
- Coordinate with Interface Design Architects for meeting accessibility standards at code level.
- Participate in the team on agile development cycle and followed SCRUM methodology.
- Worked on creating responsive website for smart devices using Responsive design and media queries.
- Used AJAX extensively to implement front end /user interface features in the application.
- Developed the pages that are complaint to W3C standard.
- Developed UI by following WACAG Rules.
- Version control through TFS.
- Actively participated and provided feedback in a constructive and insightful manner during weekly Iterative review meetings to track the progress for each iterative cycle and figure out the issues.
- Ensured site design integrity and quality control consistency throughout the project's lifecycle.
- Updated the website from time to time for special Requirements.

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- Responsible for quality assurance of finished websites including the validation of web forms and links.

Tools: UX pin, Balsamiq, Coda, Espresso, Visual Studio Code

Technologies: HTML5, CSS3, Less, Saas, Backbone JS, React JS JavaScript, jQuery, UX/UI, Interactive Design, Bootstrap 3, WAVE, Windows Screen Reader, NVDA Screen reader.

UNITED STATES GEOLOGICAL SURVEY

Front-End Developer/WordPress Developer (12/2016 – 05/2017)

Project: Web CMS Development using WordPress

Develop WordPress theme for the USGS historical society website. Create plugins for the payment gateway and newsletter database. Utilize jQuery validation and cutting edge latest frontend technologies to develop the donation page of the website. Design custom admin panels for easy content uploading and custom post type for the projects and resources. Develop mind maps and wireframes.

Key Achievements:

- Developed a theme using CSS preprocessors, such as LESS/SASS.
- Integrated PayPal payment option into the donation page.
- Enhanced user login functionality using Wordpress.

Tools: UX pin, Balsamiq, Coda, Espresso

Technologies: HTML5, CSS3, Less, SaaS, Angular JS, WordPress, JavaScript, jQuery, UX/UI, Interactive Design, Bootstrap 3

VALPARAISO UNIVERSITY

Web Developer (12/2015– 12/2016)

Project: CIS Department Web Application

Created a web application to enable students to book appointments with professor's online. Assisted with UX/UI, as well as unit testing and frameworks (Angular2). Hosted the functionality in linux server. Created custom, general use modules and components, extending the elements and modules of core AngularJS

Key Achievements:

- Designed mind maps and wireframes from scratch .
- Created CMS with user logins and admin panel to access the schedules.
- Implemented custom mobile alerts for the appointment times.

Tools: UX pin, Balsamiq, Coda, Espresso

Technologies: HTML5, CSS3, Less, SaaS, Angular JS, WordPress, PHP, UX/UI, Interactive Design, Bootstrap 3

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PIXELSUTRA DESIGN SERVICES PVT. LTD.

Web Developer & Senior Front-End Developer (6/2012– 12/2015)

Project: Sironlabs Corporate Website Development

Created the Sirionlabs corporate website development using WordPress. Assisted with UX/UI, front-end development and PHP development. Implemented custom posts for resources and career posting page.

Key Achievements:

- Manipulated HTML5, CSS3 in jQuery created dynamic pages using AJAX, XML and JSON.
- Created interactive content using CSS3 and jQuery.
- Tested browser compatibility and fixed errors.
- Utilized Git version control tools to manage source repository.
- Implemented various Validation Controls for client-side validation and custom validation controls.

Tools: UX pin, Balsamiq, Coda, Espresso

Technologies: HTML5, CSS3, Less, SaaS, Angular JS, WordPress, PHP, UX/UI, Bootstrap 3

Project: Abhibus Ticket Booking System

Managed the web project from concept through delivery. Created mind map diagrams depicting the flow of pages. Designed dynamic and browser compatible pages. Developed page layouts, animation, navigation buttons, and icons. Provided strategic plans for future page layouts and design direction. Stored and retrieved user entered data to HTML session storage enabling the ability to run several sessions at one time. Wrote application level code to interact with APIs, Created a feature for zip code, city and county look up. Designed the user-friendly wireframes. Tested browser compatibility and troubleshoot compatibility issues. Embedded online videos for product introduction.

Designed the login system and hosted the application on LINUX Server.

Key Achievements:

- Developed JavaScript and optimized existing scripts for efficiency.
- Implemented various Validation Controls for form validation and implemented custom validation controls using Object-Oriented JavaScript.
- Employed various Validation Controls for client-side validation and implemented custom validation controls.

Tools: UX pin, Balsamiq, Coda, Espresso

Technologies: HTML5, CSS3, Less, SaaS, Angular JS, WordPress, PHP, UX/UI, Interactive Design, AJAX

Project: Dr. Reddy's Application Development

Assisted in the development, design, and implementation of front-end application development. Developed the User Interactive web pages Identified and resolved defects in UAT Region and performed the required code changes. Created and maintained the framework and layout of each portal with Cascading Style Sheets (CSS). Created project task schedules. Developed dynamic e-

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mails. Applied jQuery validation plugin to validate the user input and to improve user experience. Worked in form validation to create a user interface enabling communication between the client and server. Performed cross-browser testing and designed graphics, buttons, logos, and flash animation.

Key Achievements:

- Developed complex cross-browser web interfaces improving speed, file size, readability, and accessibility.
- Enhanced the existing application, creating an HTML navigation menu where base menu items change dynamically and are derived from the database in the form of XML.
- Successfully implemented Auto Complete/Auto Suggest functionality.

Tools: UX pin, Balsamiq, Coda, Espresso

Technologies: HTML5, CSS3, Less, SaaS, Angular JS, WordPress, PHP, MySQL, React JS, UX/UI, Interactive Design, AJAX

Project: Tech Mahindra Project Management Tool & Front-End Development

Developed front-end using HTML5, Css3, Angular JS frameworks. Developed a single page application used Angular JS. Simplified form validations and the time tracking layout.

Key Achievements:

- Streamlined the task management in UX.
- Developed single page project views.
- Created dashboard charts using jQuery and Ccss3.
- Added enhanced functionality to PHP views.

Tools: UX pin, Balsamiq, Coda, Espresso

Technologies: HTML5, CSS3, Less, SaaS, Angular JS, WordPress, PHP, MySQL, React Js, UX/UI, Bootstrap 3

EDUCATION AND AWARDS

VALPARAISO UNIVERSITY, Valparaiso, IN
Master of Science in Information Technology

JAWAHARLAL TECHNOLOGICAL UNIVERSITY, Kakinada, India
Bachelor of Technology in Electronics & Communication Engineering

— Awards —

Highest Distinction for Graduate Level Work: 4.0 GPA
Best Employee Award, PixelSutra, 2013 – 2014

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FEW PORTFOLIO LINKS

Hcupnet AHRQ: <https://hcupnet.ahrq.gov/>

WeartheCost Revamp(Prototype): <https://wearthecost.org>

Abhibus Web Application: <http://abhibus.com>

S-3 corporate site: <https://www.s-3.com>

Sirionlabs Corporate Website: <http://www.sirionlabs.com/>

SrushtiCreative Website : <http://srushticreative.com>

Explainers: <http://explainers.in>