**Karthik Kanuganti**

**SUMMARY**

* **6+ years** of experience in Front-end development, Documentation, Wireframing, Cross browser and Media compatibility (screen, mobile, touch interfaces), Application architecture, Project and Team management
* Experience in developing professional User Interactive (UI) web applications
* Thorough understanding of the Document Object Model (**DOM**) and its functions
* Working knowledge of web protocols, standards (**HTML5**, XHTML, **CSS3**, HTTP, Web Forms, XML, JSON) and guidelines (**Responsive Web Design**, Progressive Enhancement, **WCAG**, **ARIA**)
* Created mobile-first web pages using CSS3 frameworks to support RWD and readability
* Developed single page applications using **AngularJS, ReconJS** and **ReactJS**
* Implemented customized user interfaces for the user using **NodeJS**
* Working Knowledge of **Grunt**and **Gulp**for minification, compilation, unit testing etc.
* Experience in applying the latest software development practices like **MVC**&**Redux**
* Expertise in building device independent UI using CSS3 media queries and frameworks like **Bootstrap**, Foundation, Semantic-UI
* Well-versed with JavaScript and jQuery for manipulating the mark-up and data operations using **jQuery** and **AJAX**
* Sound understanding and good experience in Object Oriented Programming Concepts, implementation of it in **JavaScript**
* Good understanding in implementing **web applications** using AngularJS
* Worked extensively with IDE's like Visual Studio, IntelliJ Idea, Eclipse, Atom, Sublime Text
* Expertise in using debugging tools like Firebug, Chrome Devtools and IDE built-in debuggers
* Hands on experience using the version control software such as **GIT**, SVN and project management tools like **JIRA**, Confluence, Radar
* Hands-on experience working in a fast-paced TDD environment using **Jest**, Jasmine and **Karma**
* Produced aesthetic designs aimed at usability, UX, cross-browser compatibility and SEO/Web standards
* Excellent working knowledge in resolving compatibility issues with different versions of browsers like Internet Explorer, Mozilla Firefox, Google Chrome and Safari
* Experience in developing **e-commerce**and internal web applications
* Experience in **AGILE** and Waterfall methodologies and participating in iteration planning during **SCRUM** sessions
* Self-motivated team player with excellent interpersonal skills
* **Passionate about writingclean code with an emphasis on design patterns, testability and quality.**
* Drive for being up to date with the latest technology trends in UI design and usability

**TECHNICAL SKILLS**

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| **Web technologies** | HTML, CSS, JS(ES5/6), Web Components, jQuery, XHTML, XML, AJAX, JSON, Wireframing, Redux, MVC, Less, Sass, Mustache, Jade, Handlebars, Babel |
| **Programming languages** | C, JAVA/J2EE, Python |
| **Scripting languages** | **NodeJS**, PHP, Shell |
| **UI frameworks** | Bootstrap, Foundation, Backbone, AngularJS, **ReactJS**, D3, ExtJS, **ReconJS** |
| **Web/ App servers** | Apache Tomcat, Express (NodeJS) |
| **Version control** | **GIT**, SVN |
| **Database** | SQL, MySQL, MongoDB |
| **Build tools** | Grunt, Gulp, RequireJS, Browserify, Webpack |
| **Code quality** | JSCS, ES Lint |
| **Testing** | Jest, **Jasmine**, Karma, Firebug, Chrome Devtools, WebPagetest, jsPerf |
| **Application Software** | Putty, SSH, MS Office, Photoshop, Adobe Illustrator, Balsamic |

**Education Detail:**

B.Tech in Electrical and Electronic Engineering from JNTUH,India(2012)

**PROFESSIONAL EXPERIENCE**

**Client:** AppleInc (IS&T Applications), Sunnyvale, CA May 2017– Present

**Employer:** Mythri Consulting LLC

**Role:**Software developer / Web UI engineer

**Responsibilities:**

* Creating efficiently designed User Interactive Single Page Applications(SPAs) according to the client requirements using **HTML5**, CSS3, **ReconJS**, JavaScript
* Worked on Apple Online Store website to migrate from CanJS to the new Recon-Orbit stack
* Create and maintain the **Apple Gift Card balance** webpage.
* Create and maintain the **Apple Small & Medium Business (SMB) store** pages and track the site analytics.
* Develop reusable components for **Compliance** projects of Transactions pages of AOS.
* Performing client-side validations with jQuery, AJAX, JSON and preprocessors such as **LESS** and Handlebars to speed up development
* Making the web pages responsive using **Bootstrap** and custom CSS3 media queries
* Integrating React’s**Redux** framework to scale and maintain the application better while handling large amounts of data
* Following Agile SCRUMmethodology by involving in iterative application development, weekly sprints, daily stand-up meetings, retrospectives and backlog grooming
* Utilizing React’s superior Virtual **DOM** to render pages quickly on both the client-side and server-side
* Interaction with RESTful API services to read/write date from the back-end server
* Manage packages using **NPM** and **Bower** in the **NodeJS** environment
* Track processes and streamlining agile planning using RADAR
* Run Unit tests on the Single Page Applications using JASMINE

**Environment:ReconJS**, HTML5, CSS3, Bootstrap, JavaScript, JSX ES6, NodeJS, JASMINE, npm, Gulp, GIT, Responsive Web Design, XCODE tools

**Client:** GAP, SFO, CA Sep.2015 - May 2017

**Employer:** Coresoft TechServices LLC

**Role:** UI/UX Developer

**Responsibilities:**

* Developed the UI pages for data visualization using HTML5, CSS3, JavaScript, **ReactJS**, **ExtJS/D3JS**, **NotifyJS**, jQuery, JSON
* Utilized AngularJS along with **Sass**/ Bootstrap to develop responsive web pages and NotifyJS, a **jQuery** plugin for user notifications
* Attended meetings with the end-clients to determine page layout, color scheme for the website
* Used AJAX to make server calls and display the data in the account hub portal and created few custom components to extend the functionality of pre-existing HTML
* Utilized ExtJS filters functionality in search box and data grid editor functionalities
* Worked on Express Server on NodeJS platform for a single-page application development
* Used ExtJS and ReactJS to construct data visualization techniques with real-time rendering of JSON data(storage and retrieval) from **MongoDB**
* Responsible for internationalizing (i18n) the Web Application based on W3 Standards
* Worked closely with QA and used Jenkins as build process and for integration testing and used Karma, Jasmine to write unit/integration test cases
* Involved in Agile Story point methodologies and full software development lifecycle: designing, coding, testing, debugging and maintenance
* Resolved Cross Browser Compatible Issues for different version of IE, Safari, Chrome, Firefox and Opera
* Created HTML navigation menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of JSON and created charts utilizing ExtJS
* Involved in writing application level code to interact with APIs, RESTFUL Web Services using AJAX, JSON
* Created and managed all remote or local repositories through Source Tree's simple interface of GIT client, while collaborating with GIT CLI
* Checked the code quality using tools like **ESLint** and code style issues with **JSCS**
* 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
* Involved in AGILE development cycle that includes biweekly Sprints, and daily Scrums to discuss the development of the application with focus on delivering in time

**Environment:ReactJS, ExtJS/D3JS, JavaScript**, MongoDB, jQuery, NotifyJS, NodeJS, HTML5, CSS, AJAX, JSON, Responsive web design, Gulp, **Bower**, NPM, GIT and Web Services

**Client:** HDFC Bank, Hyderabad, India Oct. 2013 – Aug. 2014

**Role:** UI/UX Developer

**Responsibilities:**

* Designed page layouts, color schemes for client’s website and implemented it into the final UI using **HTML**/**CSS** & JavaScript and **jQuery**
* Created/modified client’s user interface to modern, **web 2.0** design and made it more responsive
* Contributed to the design pattern by creating **wireframes**, mockups, sitemaps and other design elements using Photoshop and Illustrator
* Used **jQuery** for adding dynamic functionality to the existing applications (chat box, tooltips, tables etc.)
* Used **AJAX** for real-time validation of registration forms in the application
* Worked on fetching the JSON data by linking it with the backend and displaying it in tabular format
* Involved inhandling all aspects of the web application including development, debugging, testing, deploying, and maintenance
* Redesigned front-end code to make it compatible with newer browsers like IE9/10, Google Chrome and Mozilla Firefox along with older versions of IE (<IE8)
* Used UI Development using HTML markup and CSS layouts, and interacted with Java components which retrieve data using SQL from Oracle database
* Created professional looking layouts using Bootstrap and implemented accessibility into the design of the application pages and forms
* Worked on debugging, fixing and adding new features into the application
* Developed unit test cases and thoroughly tested cross browser compatibility of the application

**Environment:JavaScript**, HTML, CSS, DOM, AJAX, jQuery, Bootstrap, JSON, SVN and Web Services

**Client:** Brigade Corporation, Hyderabad, India Jul. 2012–Sep. 2013

**Role:** Jr.UI Developer - UI Developer

**Responsibilities:**

* DevelopedUI pages using HTML, XHTML, CSS, **JavaScript**, jQuery, **AJAX** and **JSON**
* Implemented elegantand dynamic webpages in HTML and CSS compliant with standards
* Built web forms using dynamic client-side JavaScript code and simulated the process for the web application including page navigation and form validation
* Created the appropriate set of UImodules for site organization, navigation, page layouts and user interactive objects
* Developed client-side validation code using JavaScript and jQuery
* Utilized various JavaScript and **jQuery** libraries to handle the events and fordynamic functionality
* Involved in the process of designing and developing the JSON objects which stored the information exchanged between browsers and servers
* Created cross-browser compatible CSS page layouts and tested them on various browsers
* Implemented best Search Engine Optimization (**SEO**) practices into the webpage designs
* Tested and debugged the logic implementation using Firebug plugin
* Played an active role in the design meetings with clients to support their needs and goals and team members to develop optimum strategies to reach them

**Environment:HTML**, XHTML, **CSS**, JavaScript, jQuery, AJAX, XML, JSON, Compatibility, SVN