## Kala K. Gangu

**Phone: (469) 209 - 9673**

**Email: Kalagangu1@gmail.com**

**SUMMARY:**

* Around 5+ years of experience in the web application development using **HTML 4.01/5, CSS (2/3), JavaScript, jQuery, Angular JS and Bootstrap.**
* Experience in JavaScript Library like **AngularJS, React.js, ES6, Node.js.**
* Hands-on experience working with **CSS3 media queries** in support of **Responsive Web Design** (RWD).
* Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies **like Object Oriented JavaScript, Type Script, Angular 2.0, Angular 4, Angular JS, Node JS, Bootstrap, Media Queries, CSS Frameworks, Java.**
* Expertise in **Angular 2.0** framework and its ability to create simple and scalable code for SPA.
* Worked extensively on **Angular 2/ Typescript SPA domains**.
* Hands on Experience on **Angular CLI** (Command line Interface).
* Good amount of work done on Reactive forms or **Web Forms 2.0** in Angular 2 and their Validations.
* Create desktop application with **Angular 2/4** and **Unit Test with Karma-Jasmine.**
* Expertise in using Angular JS directives, Controllers, Filters, Services, Templets, Events and Injectors.
* Expertise in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Experience in building application with **React JS, Redux, Require JS, in MVC architecture**.
* Expertise in React.JS framework and integrate them to **Node.js server-side code**.
* Expertise in using source code control systems such as **JIRA,** and **Jenkins.**
* Experience with Front End build tools **Grunt, Bower, Node** and **NPM**.
* Experienced using source controls such as **GIT** and **SVN.**
* Used **Mocha** and **Jasmine** for writing unit test scripts.
* Testing application using Jasmine Test Framework and.
* Experience working in **Agile Development Method**.
* Involved in daily Scrum meetings to keep track of the ongoing project status and issues.

**TECHNICAL ENVIRONMENT:**

**Languages:** Core and Advanced Java, C, C++, Java Script

**Web Technologies:** HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, JavaScript, AJAX, jQuery, JSON, Sencha, TypeScript

**Frameworks/Tools:** AngularJS, Angular2, ExtJS, Node.js, React.js, Backbone.js, Bootstrap, Apache Wicket, Eclipse IDE

**Operating System:** Windows, Linux, OS X, MAC OS

**Server-Side Technologies:** VMware Client, vSphere Client

**Design Patterns:** MVC, Singleton, Factory, Composite, Session Facade

**Source code control tools:** SVN, CVS, GIT

**Bug tracking Tools:** JIRA, HP Quality Center

**Web Servers:** JBoss, Apache Tomcat server and WebSphere

**Database:** PL/SQL (oracle), MySQL, MongoDB and MS QL

**EDUCATION/TRAINING/CERTIFICATION:**

* Bachelors of Technology in Computer Science, JNTU, India, 2013
* Master’s Degree in Computer Science, Northwest Missouri State University, Missouri, 2015

**WORK EXPERIENCE:**

**Walmart, Bentonville, AR May 2018-Present**

**UI Developer.**

**Responsibilities:**

* Worked in an Agile- Scrum development methodology to ensure delivery of high-quality work with monthly iteration, also involved in sprint planning and retrospectives.
* Worked on Angular 5 application from the ground up using technologies including TypeScript, Nx, @ngrx/store, Angular Material and RxJS.
* Worked Extensively with Angular CLI for creating components, Services, pipes, Directives.
* Updated the application with new features of Angular 6.
* Worked on some of the new features of Angular 5 like new if else syntax, ng-templates, form validators.
* Moved existing AngularJS controllers and services to Angular 2 components for more responsive and less dependency.
* Enhanced legacy application by building new components in Angular 5 and typescript.
* Implemented ag-grid to show the data in the table.
* Designed the page using Bootstrap and some custom CSS.
* Implemented the promises using $q to handle the auto update by notifying the variable.
* Created custom directives for reusable components used across the application.
* Worked with WEB API's to make calls to the web services using URLs, which would perform GET, PUT, POST and DELETE operations on the server.
* Helped deploy and manage our applications in several \*nix environments. (DEV, UAT, PROD)
* Created many controllers for each page, with dependencies such as $q, $location, $window, $routeParams and all services to be used on the controller.
* Implemented validation method for form input in web page using combination of normal HTML validator (use "novalidate", to bypass the normal HTML checking and handle them using ng-show, ng-hide, ng-disable) and specific AngularJS validator directive (ngRequired).
* Used Team Foundation Server (TFS) for source code management.
* Performed unit testing with Jasmine for front-end.

**PSECU, Harrisburg, PA Jan 2018-May 2018**

**UI Developer.**

**Responsibilities:**

* Developed the UI component libraries using Ext JS.
* Assist in UI development and provide technical and design feedback on early concepts.
* Working with JSON responses, parsing the same and presenting on the UI layer.
* Proactively worked with managers and development staff to meet project goals within expected timelines.
* Implementing the documentation to describe application development, logic coding and corrections.
* Coordinating with back-end team for consuming the web services and integrating the web services in to the application.
* Making pages that are cross-browser compatible using Ext JS.
* Ensure design consistency with client’s development standards and guidelines.
* Extensively used JDBC to interact with the databases.
* Involved in designing database tables, SQL queries and PLSQL stored procedures.
* Developed Business and Data Layer components using Spring IOC and DAO modules.
* Developed common reusable Java functionalities to be used across applications.
* Developed charting components using the Ext JS charting for the data visualization.
* Developed Java, J2EE Web and Business components and wired using Ext JS Ajax calls.
* Worked with testing team analyzed and fixed the production defects and deployed the applications on the server.
* Trouble shooting bugs/problems, averting potential crisis situations through early detection.
* Coordinated release meetings, deployment plan review meetings.
* Maintained build releases and release plan for every release.
* Working with debugging tools like Firebug, Firebug Lite, Chrome or safari web inspectors and IE Developer Toolbar.
* Stick to established coding standards and group procedures individually and in teams.
* Working in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile Methodology.
* Breaking down complex situations to discover and resolve root cause that applies to both technical issues and process issues.

**Environment:**

Ext Js, J2SE 5.0, Spring Framework 3.0.x, Eclipse 3.x, Oracle SQL Developer, TFS, Maven, HTML, CSS, XML, JUnit, AJAX, JIRA, SOAP (JAX-WS).

**Brooks Brothers, Manhattan, NY Jan 2017 – Dec 2017**

**UI/Web Developer**

**Responsibilities:**

* Developed Webpages by using HTML5, CSS3, jQuery, JavaScript.
* Extensively used HTML5 for audio and video playback.
* Created single page applications using AngularJS2 using typescript, directives including decorator, component and template, Dependency Injection.
* Used vanilla JavaScript to make links responsive.
* Create fully mobile-responsive web applications with vanilla JS and CSS Grid. Use vanilla JS event delegation for easier DOM manipulation.
* Worked Extensively with Angular CLI for creating components, Services, pipes, Directives.
* Updated the application with new features of Angular 2/4.
* Worked on some of the new features of Angular 2/4 like new if else syntax, ng-templates, form validators. Worked upon the dashboard for the project which contained a variety of charts and drag gable components using JQUERY UI Library.
* Implemented various Core Java concepts such as Exception Handling, Collections API, Generics, and Enhanced for Loop Inheritance and Polymorphism.
* Technical expertise in Adobe Photoshop, Illustrator, InDesign, After Effect, User Interface, User Experience, Hand Sketch, Microsoft Office Suite, Keynote, HTML5, CSS3.
* Developed client-side validation code using JavaScript and jQuery.
* Used AJAX framework for asynchronous data transfer between the browser and the server.
* Used Ajax for populating the list/drop down box with data.
* Wrote unit tests using Karma and Jasmine for frontend.
* Used Firebug and IE Developer Toolbar for debugging and browser compatibility.
* Used SVN as the version Control.

**Environment:**

HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, Dreamweaver, Photoshop, Sketch, Angular2, bootstrap.js, Responsive Web Design, jQuery UI, Eclipse IDE, JSON, DOM, DHTML, SVN, Firebug, Windows

**JC Penney, Plano, TX May 2015 – Nov 2016**

**UI developer**

**Responsibilities:**

* Responsible for Development of e-commerce Web pages using HTML5, JavaScript, AngularJS, CSS, SASS including Ajax controls and JSON.
* Maintain Cross Browser compatibility & implement Responsive Design custom media queries, etc. Worked on prototypes for Responsive design.
* Involved in migrating the whole code base of Angular 1.4 to Angular2.
* Building Angular2 application on NPM packages.
* Created single page applications using AngularJS2 using typescript, directives including decorator, component and template, Dependency Injection.
* Creating a custom, single-page, responsive web application to replace a legacy line-of business web application.
* Created and tested scripts using jQuery on various browsers Chrome, Firefox, Safari, IE.
* Developed DOM based interactive to reprogram selected links and adopted WCAG 2.0 standards for HTML 5 and W3C standards for CSS as well.
* Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript.
* Created some widgets using Kendo UI and successfully integrated Kendo UI components, Node.js.
* Implemented generating the verification hash code using crypto package on Node.js and Added user validations and user permissions by using the Node.js.
* Involved in implementing the complete Application in the in-build MVC Architecture with Angular JS. Used date-format and moment packages in Node.JS to save the timestamp in database converting into GMT.
* Used Yeoman, BOWER and NPM for scaffolding the AngularJS application.
* Involved in developing the AngularJS MVC framework for the Single Page Application development is a web application or web site that fits on a single web page with the goal of providing a more fluid user experience akin to a desktop application.
* Involved in writing application level code to interact with APIs, RESTful Web Services using AJAX, JSON.
* Worked on the application which is built using Test Driven Development framework jasmine.
* Used JIRA for bug tracking and issue tracking.

**Environment:**

HTML4.0/5, CSS3, JavaScript, ES6, jQuery, AJAX, JSON, XML, Eclipse, Angular JS, SASS, Adobe Dreamweaver, JIRA, Twitter Bootstrap, D3.js, GIT, Adobe Photoshop and MS Office

**Thomson Reuters, Dallas, TX Jul 2014 – Apr 2015**

**UI Developer**

**Responsibilities:**

* Developed HTML prototypes and UI deliverables, such as wireframes, flowcharts, screen mock-ups, and interface design specifications.
* Responsible to manipulate HTML5, CSS3 in jQuery as well as making the pages’ dynamic using AJAX, JSON and XML.
* Used the Node.js and AngularJS MVC Frameworks in the development of the web applications.
* Used JavaScript DOM manipulation and JavaScript event to generate the data result in UI.
* Created Node.JS backend for creating Restful Web Services using the Express Framework and Cassandra, Mongoose to connect with MongoDB.
* Used jQuery for creating various widgets, data manipulation, data traversing, form validations, create the content on the fly depend on the user request, implementing Ajax features for the application.
* Worked on HTML5/CSS and jQuery in a Drupal based CMS environment.
* Used Karma (Jasmine) for JavaScript Unit testing and Protractor for E2E testing.

**Environment:**

HTML4/5, CSS2/3, jQuery, JavaScript, ES6, AJAX, XML, JSP, JSON, Visual Studio 2012, DOM, Adobe Dreamweaver, AngularJS, Node.js, Bootstrap, Internet Explorer, Firefox, Chrome, Oracle, Windows

**Virtusa India Jan 2013 – Dec 2013**

**UI Developer**

**Responsibilities:**

* As a scrum team member worked on agile stories, troubleshooting issues and fixing defects.
* Used High charts and d3js for creating Graphs and charts for payments section and implemented the filtering functionality for the graphs.
* Developed JSPs with HTML and JavaScript and integrated with backend driven by Spring and hibernate.
* Design of application components using Java Collections and providing concurrent database access using multithreading.
* Designing templates based on the requirements using CSS, JavaScript and LESS.
* Worked on React.js to provide a view for data render on the front end.
* Built and customized WordPress based websites to fit clients' needs, including theme creation, site structure, and plugin selection and management.
* Used AJAX for implementing part of the functionality for Device Registration, Device Monitoring Information Modules.
* Used JSON and AJAX for storing and exchanging information between browsers and servers
* Used Bootstrap to show and hide classes for different and grid classes to create RWD.
* Used GIT sever for project development.
* Testing the front-end that uses AngularJS, node.js and gulp by using Jasmine and Karma testing tools.

**Environment:**

HTML5, CSS3, AJAX, JavaScript, jQuery, GIT, Bootstrap, Node.js, AngularJS, React.js, JSON, Java, JSP