Kumar Tangella

Sr. UI/UX Developer

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Professional Summary

* Over 8 years of professional IT experience in all phases of Software Development Life Cycle including Applications Design,
* Development, Integration, Installation, Implementation, Maintenance, Testing, and Debugging of various client/server web applications
* Extensive experience in developing professional web based User Interface **(UI)** to provide best User Experience **(UX)** with the help of **HTML5, CSS3, JavaScript, JQuery, JSON, XML** and also experience in making webpage Cross browser compatible.
* Authored visual design specification documents for other **UX** Architects.
* knowledge in developing applications using **J2EE**, **Servlets, JSP, Spring, Hibernate, JDBC, XML, Web Services(JAX-WS), Java Script, Ajax, HTML, DHTML, CSS, JQuery, Oracle, RESTful API (JAX-RS).**
* Developed front-end systems with **JavaScript, Bootstrap, HTML5, CSS3, Angular JS, Ext JS, Node JS** and **Backbone JS.**
* Experience on working Responsive Design with **CSS** Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS.
* Good understanding on **JavaScript framework** like **JQuery, Angular JS, Backbone JS and Node JS**.
* Used Ext JS for building interactive cross platform web applications.
* Skilled in making **AJAX** (xhrGet and xhrPost methods) calls using **JQuery**.
* Created custom directives in Angular.js for re-usable components (multi-field form elements, background file uploads, etc.).
* Extensively used the **JavaScript frameworks, JQuery, Bootstrap, and Angular JS**.
* Experience in writing **PL/SQL queries, T-SQL, SQL Server 2005/2008, Oracle 9i/10g and MYSQL 5.1**
* Good knowledge on **Core Java** concepts.
* Great ability to apply w3c web standards along with accessibility guidelines (WCAG).
* Possess excellent communication and Problem Solving skills and the ability to work as a team member, as well as independently.
* Ability to convey concepts/requirements between technical and non-technical stake holders.
* Produced assets such as wireframes, workflows, and InvisionApp prototypes to communicate concepts with an international engineering team and executives.
* Worked with teams where requirements are constantly being implemented, tested and improved.
* Strong analytical and problem solving skills, self-starter and good team player.
* Create digital and print signage for the product launch including, posters, and custom company icons for internal software suites. I worked with staff to develop a streamline digital workflow.
* Accessibility Guidelines (WCAG) and ability to apply W3C web standards with great craftsmanship.
* Strong hold on Object Oriented Programming **(OOPS)** Concepts, Object Oriented **JavaScript, JAVA, JDBC** technologies and their Implementation.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **ReactJS**.
* Developed user interface by using the **React JS**, Flux for SPA development.
* Implemented client side Interface using **React JS**.
* Strong Experience in **Spring Framework, Hibernate, JavaBeans, Servlets, Struts framework 1.2** and **XML.**
* Usage of **JSON** for faster and impulsive responses.
* Excellent interpersonal abilities, communication skills, time management and Team skills with an intention to work hard to attain project deadlines under stressful environments.
* Worked closely with the project management and marketing team to completely define specifications to help ensure project acceptance.
* **Experience in cloud stack such as Amazon AWS and VMWARE stack.**
* Build servers using AWS: Importing volumes, launching EC2, RDS, creating security groups**, auto-scaling, load balancers (ELBs)** in the defined virtual private connection.
* Documenting all the processes for above, issues caused and its solutions in timely manner.
* Creating alarms in **Cloud watch service** for monitoring the server’s performance, CPU Utilization, disk usage etc.
* Kept up SVN repositories for DevOps environment via automation code and configuration.

**Technical skills**

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| --- | --- |
| Web Technologies | HTML5, CSS 2.1/3, Java script, JSON, Ajax, JQUERY, Restful, SOAP, XML, XHTML, |
| Java Script library | Angular.js, Node.js, backbone.js, bootstrap,corejs,React.js |
| Web servers | Apache tomcat, Web Logic, Web Sphere |
| Languages | Java, J2EE, C++, MATLAB, SQL, Ruby,Python |
| Databases | SQL server, MySQL, Oracle |
| Workflow and delivery | Responsive web Design, Mobile Development, Single Page App, Cross Browser Compatibility |
| IDE | Eclipse, Spring suite, Jira, Sublime, YUI, Notepad++, SVN, CVS, GIT,Jenkins |
| Operating systems | Windows, MSDOS, Windows Server, Linux/Unix. |

Professional Experience

**Client: DTE Energy, MI Nov 2016- Till date**

**Role: Sr. UI/UX Designer**

**Responsibilities:**

* Introduced application wide consistency layouts, design patterns, style guides and wireframe.
* Established **UX/CX design** as the first stage of all Web and mobile application developments, instituting a user centered design (UCD) approach.
* Human centered **UX Designer** who delivers repeated success using research, communication, content strategy, information architecture, visual design, development & usability testing.
* Designed UI for Movable Type blog
* Designing websites/landing page for clients using **Adobe Photoshop, Illustrator**, and**Axure RP8**
* Passionate and inventive creator of innovative marketing strategies and campaigns, accustomed to performing in deadline driven environment.
* Created internal portal using wireframe and prototypes.
* Develop detailed storyboards, **wireframes**, concepts, **mockups**, and interactive **prototypes**
* Handled designing and technical team.
* E­commerce site built using**HTML5, CSS3** and **JavaScript**.
* Specialty in working directly with developers and testers to make what's designed happen in code.
* Usability research planning and execution, producing and presenting reports.
* Developed using **Node.js, React.js, React Native, Android, etc**.
* Designed, Developed 6 **native Android** and **IOS.**
* Tested DTE energy application on Mobile Devices like **IOS, Android**, and Blackberry for DTE energy mobile app
* Worked closely with user researchers to define features and interaction, leading to high-fidelity**mockups** of use case scenarios for the design and product teams.
* Establishing the information architecture, delivering functional requirements analysis, **wireframes, designmock­ups** and **front­end** design development guidelines.
* Meeting with clients to establish project brief by discussing and aligning business objectives with (known) user needs.
* Utilized **JavaScript** for rich user interactions for company prototype.
* Deployed **RESTFULL API's** that were built on top of Drop Wizard
* Worked with **RESTFULL API**'s to make calls to the web services using URLs, which would perform GET, PUT, POST and DELETE operations on the server.
* Developed applications VoIP alone both **android and iOS** platform, my cross-platform development skills mastered by developing VoIP.
* Designed and developed advanced applications for the **Android** platform
* Developed **React JS** pages, Web services calls and AJAX calls for the application.
* Used CSS style for web pages using LESS structure and implemented routing in SPA using **Angular.js**.
* Used **React JS** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Database Administration on **SQL Server 12-16** production servers with server configuration, Performance tuning and maintenance and Implemented the **Visio** during the project.
* Develop the **graphic user interface(GUI)** based on the designs provided and the project objectives
* Developed Unit test cases for the **Angularjs controllers and Javascript** using **Jasmine**
* Worked on Front end by using **JavaScript**.
* Managed tools like Subversion**, JIRA** and Performed maintenance and **troubleshooting** of build/ deployment systems.
* Involved in the installation and configuration of Nginx as a web server.
* Used **JDBC** and **SQL** for database management
* Experience in monitoring and coordinating of automated patches and configured management of production servers.
* Administration and configuration management of version control systems **GIT**.
* Used **MAVEN** as a build tools**XML**on java projects for the development of build artifacts on the source code.

**Environment: HTML, XML, CSS3, JavaScript, REST API,wireframes, prototypesAngular.js 4,React Native,JQuery, Eclipse, React.JS AJAX, JSON, JDBC,Bootstrap, Jenkins, Jira, SQL Server 12-16, Maven and Windows XP, Visio,GIT.etc….**

**Client :Garden of Life, FLJan 2016- Oct 2016**

**Role:Sr UI/UX developer**

**Responsibilities:**

* Designed and developed web pages using with **HTML5, DHTML, XHTML, CSS3, Ajax** and **jQuery** based on the W3C standards
* Developed various UI (User Interface) components using **AngularJS (MVC), JSON** and **HTML**.
* Designed dynamic and browser compatible pages using **HTML5, CSS3, JavaScript, Bootstrap, Angular Materials, Ajax,** and **Angular JS 2**.
* Extensive experience of Object Oriented **JavaScript** design pattern and JavaScript MVC Patterns Preferably **Angular JS**.
* Extensively involved in redesigning the entire site with **CSS** styles for consistent look and feel across all browsers and all pages.
* Used **jQuery** core library functions for the logical implementation part at client side for all the applications.
* Managed usability testing effort for Walgreens landing pages in preparation for Website redesign.
* Defined testing parameters, prepared prototypes, facilitated tests, and analyzed and reported results.
* Heavily involved in every step of application framework redesign including: widget design in Illustrator, widget specifications/ redlining, creating interactive prototypes in **CSS3** implementation and usability testing.
* Trained designers and developers on creating icon fonts and using them in Azure, Photoshop and implementing them using **HTML5** and **CSS3**.
* Handled complex **JSON** responses, converted and bind them to the $scope object
* Used **AJAX** and **JSON** to process asynchronous actions between front and back end
* Implemented **Node.js** at server side to provide restful **API** to client-side backbone application.
* Worked with Redux architecture and its containers, components, reducers in developing the user interfaces.
* Worked with React Component Life cycle in updating the **Virtual DOM** and also making **AJAX** calls in component Did Update.
* Developed Unit test cases for the **Angular controllers** using **Jasmine**
* Developed user interface by using the **React JS**, Flux for SPA development.
* Implemented client side Interface using **React JS**.
* Worked with **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Build React components and stand-alone functions to be added to any future pages.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including IE6.
* Facilitated User Testing sessions to solicit feedback on prototypes.
* Developed and prepared test cases for unit testing with Junit
* I provide and communicate recommendations to the **DFC** network and or upper management about opportunities that need attention, and look for available room for a continuous improvement process
* Develop the **graphic user interface(GUI)** based on the designs provided and the project objectives
* Integrating various provisioning and monitoring modules into a single platform.
* Managed central repositories: Implemented Atlassian Stash along with **GIT** to host **GIT** central repositories for source code across products, facilitate code reviews and login audits for Security Compliance.
* Used **Node JS** to run Grunt tasks and build properly the project (compile, minify, concat etc.)
* Implement modules into Node JS to integrate with designs and requirements.
* Master in using creating stories and reports like **JIRA**, Mantis, SnagIt and Camtasia.
* Confluence that is for project collaboration and **JIRA** that is for issue tracking and other code review and repository management tools.
* Handled User/Group Administration, configured LDAP directory with Jira.
* Performed end to end independent **Jira** Migration (Consolidated 5 Jira servers into 1)
* Migrate Jira Filters, Dashboards, User Groups and Global Entities such as status, Resolutions, Issue Types, Priorities, Issue Link types, Event types.

**Environment: HTML, DHTML, XML, CSS3, JavaScript, React.JS JQuery, Eclipse, DOM, AJAX, JSON, Bootstrap, Angular JS 2, Ajax, DOM, Rest API, Node JS, GIT, Jira**

**Williams Companies, Tulsa, OK Sep 2014- Dec 2015**

**Role: UI/UX developer**

**Responsibilities:**

* Defined and developed the application’s presentation layer using **HTML, CSS3, JavaScript**, and **JQuery** Scripting.
* Applied advanced **HTML, JavaScript**, and **CSS** to deliver rich user interfaces.
* Worked on Responsive Web Design to make the web pages responsive with **Bootstrap** framework.
* Defined different media queries for different devices.
* Redesigned pages to improve application design and **UI** to attract the customers by taking inputs from senior management.
* Got chance to interact with business team on regular basis and gather requirements.
* Developed mockups and prototypes using **HTML** and **CSS3**.
* Developed menus, combo boxes, text field and text area input controls **in Ext JS 4.0**.
* Used **JavaScript** and **JQuery** for custom client-side validation and DOM manipulations.
* Used **AJAX** framework for asynchronous data transfer between the browser and the server.
* Worked and involved in development, enhancement and testing of the application.
* Integrated the frontend **JQuery UI** with backend **REST API** using Backbone.js.
* Responsible for developing a front-end application using **React JS** and FLUX architecture for internal teams productivity use.
* Developed web page as Single Page Application (SPA) by using **AngularJS**.
* Designed services and factories and injected into various methods by using **AngularJS**.
* Experienced in **ReactJS** and working with React Flux architecture for developing Single Page Applications SPAs.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **React.js**.
* Heavily interacted with the end users and stakeholders for design validation.
* Contributed in developing company’s internal cheat sheet.
* Developed cross browser and multi browser compatible web pages using **HTML, CSS3**, and **JavaScript**.
* Produced content pages with **CSS3** layout and style markup presentations and also used JavaScript methods and properties.
* Developed the pages that are complaint to W3C standard.
* Used Firebug tool for debugging.
* Experience in using GIT for pulling and committing the developed content from/to the **GIT** repository.
* Ensured site design integrity and quality control consistency throughout the project’s lifecycle.
* Updated the website from time to time for special Requirements.
* Responsible for quality assurance of finished websites including the validation of web forms and links.

**Environment**: **HTML, XML, CSS3, JavaScript,RESTAPI ,AngularJS, JQuery, React JS, Eclipse, AJAX, JSON, Bootstrap, Backbone JS,GIT, Ext JS 4.0**

**Client: Gordon Food Service, Grand Rapids, MI Feb 2014- Sep 2014**

**Role: UI developer**

**Responsibilities:**

* Worked with **HTML5, CSS3, XML, JSON, JavaScript, JQuery** and **JQuery UI** for developing user interface.
* Designed and developed various Web forms using **HTML, CSS,** and **JavaScript**.
* Redesigned the existing site and to create new interfaces.
* Used Dreamweaver as **Html editor** for designing new pages.
* Responsible for content and **UI** development.
* Developed **HTML** prototypes and ready **XHTML** documents with **CSS** style sheets.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation.
* Worked closely with the programmers and graphic designers for project requirement and analysis.
* Wrote unit testing of various components with **JUnit framework**.
* Produced **GUI** prototypes for business logic presentations.
* Designed and documented **REST/HTTP APIs**, including JSON data formats and API versioning strategy.
* The new website has made it much easier for the users to access the page and check the required info.
* Good knowledge of debugging **JavaScript** and **html code** with Firefox Firebug and Google chrome **JavaScript** debugger.
* Developed Architectural Design Documents and Block Diagrams.
* Participated in the research of new technologies like **JQUERY** for few potential mobile app development efforts.
* Worked with QA team on daily basis in fixing the reported bugs/defects and checking cross platform compatibility.

**Environment**:**HTML4/5, CSS 2/3, JavaScript, JQuery, Rest API AJAX, JQuery , JSON, Visual, Junitframework.**

**Client: Deem, CA Oct 2012- Dec 2013**

**Role: Jr UI developer**

**Responsibilities:**

* Designed layouts on the front-end using **HTML, CSS, JavaScript**, **jQuery** and **AngularJS**.
* Used interactive data binding, filters and animation events using **AngularJS**.
* Built **CSS** and **JavaScript** system for controlling text display issues cross-platform and cross browser
* Used jQuery to make the HTML, CSS interact with **JavaScript** functions to add dynamism to the web page.
* Extensively Worked on **CSS** (Background, Positioning, Text, Border, Margin, Padding, Table, Sprites, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS)
* Worked with backend programmers to troubleshoot **Java Script** related issues with front-end connectivity
* Implemented **jQuery** to improve the overall usability of the website interface
* Implemented **AJAX** functionality to speed up web application.
* Used advanced **JavaScript** to create interfaces and help manage cross browser compatibility.
* Used Firebug to debug **JavaScript**, to analyze **DOM** objects of the page and to change the page layout.
* Developed and implemented Email marketing campaigns for various clients.
* Widely used Optimization technique in existing code.
* Used **JSON** for data transfer between front end and back end.
* Implemented web standards, and resolved accessibility of the web pages which receive more user traffic.
* Understanding entities and their attributes for defining classes, attributes properties and functions.

**Environment**:**HTML, CSS2, BOOTSTRAP, JAVASCRIPT, jQuery, JSON, AJAX, JIRA, ANGULAR JS, GitHub**

**Client: Styrax Technologies, India Mar 2011 – Sep 2012**

**Role: Jr UI developer**

**Responsibilities:**

* Involved in system study, development and implementation of the project.
* Used multi-threading and synchronization process to handle clients.
* Worked on the **JAVA** Collections **API** for handling the data objects between the business layers and the front end.
* Involved in development and deployment using **tomcat web server**.
* Servlets coded to act as Controller and Dispatchers between JSP Beans.
* Used UML diagrams Use Cases, Object, Class, State, Sequence and Collaboration to design the application using Object Oriented analysis and design.
* Developed Java Servlets to retrieve objects from database.
* Developed GUI using **HTML** and **JSP** for dynamic page generation.
* Transformed design mock-ups into cross-browser compatible HTML5/CSS3 layouts and implemented dynamic elements and reusable libraries with **JavaScript, jQuery and Angular.js**.
* Designed and developed dynamic menus using **DHTML** and **CSS**.
* Extensively used **JavaScript** for client-side validations.
* Wrote **SQL** queries to get the data, update the data from the database and to connect database in the DAO implementation classes.
* Used **JDBC** and **SQL** for database management.
* Involved in Unit testing.

**Environment:JAVA, JSP, JDBC, SQL, HTML, API,Angular.js ,JAVASCRIPT, TOMCAT SERVER .**

**Client: Nexus IT Solutions, India.Feb 2009 –March2011**

**Role: Jr.software developer**

**Responsibilities:**

* Worked with System Analyst and the project team to understand the requirements
* Involved in the Analysis, System study and designing of the project.
* Developed Web Interface **using HTML, CSS, and JavaScript.**
* Implemented the MVC architecture using the Struts framework.
* Developed different **GUI** screens using **JSP** and user validations using **JavaScript**.
* Effectively implemented **AJAX** in developing dynamic web pages
* Developed Action controller, Action Forms, Validation Structure (for data validation) and worked on integration.
* Used **JSF** framework in developing user interfaces using **JSF UI** Components.
* Used **Angular JS** for creatingcustom directives to display data in UI.
* Performed **Angular JS** form validation and validation messages displaying with ng-show and created a custom validation directive for comparing fields.
* Used Firebug and Developer Toolbar for debugging and browser compatibility.
* Developed BMP Entity beans to represent the data and to perform operations on database.
* Participated in Code review and Quality Assurance.
* Developed User Interface in time with high quality manner ensuring a consistent look and feel.
* Preparation and review of Unit Test Plan, Unit Testing, Test Results review and other quality related work.
* Worked with QA team on daily basis in fixing the reported bugs/defects and checking cross platform compatibility.

**Environment**: **Java, CSS, SQL, HTML, JAVASCRIPT, AJAX, JSF,Angular JS, GUI.**

## Education:

**Bachelorof Information Technology, UNIVERSITY OF JNTU, INDIA.**