Fred Yu
Angular UI developer

West Windsor, NJ - Email me on Indeed:

• Over 6 years of experience in Design, Development, Implementation and testing of UI/Front-Endof Web-based applications and Client-Server applications.
• Expert level skills in UI application development using HTML/HTML5, XHTML, CSS/CSS3, JavaScript, jQuery, AngularJS, AJAX, JSON.
• Excellent in building Single Page Application (SPA) using MVCAngularJS framework and Angular UI.
• Expertise in Twitter Bootstrap framework and Media Query to building responsive website for different devices, such as desktop, laptop, mobile, and iPad.
• Strong experience in CSS3 preprocessors styling such as SASS and LESS.
• Experience in using various jQuery UI controls, corresponding Event handlers, jQuery plug-ins and Object Oriented Design.
• Solid experience in consuming RESTful Web Services to implementAJAX call for processing JSON/XML format files between front-end and back-end.
• Familiar with popular browsers development and debugging tools/plugins for IE tester, Chrome Inspector, Firebug, Jasmine and Karma testing framework.
• Strong experience in Version Control tools such as GIT, SVN.
• Familiar with Gulpor Grunttask runner to manage project and Bower package manager to install libraries such as jQuery and Bootstrap.
• Excellent experience in IDEs like Eclipse, NetBeans, Sublime and WebStorm.
• Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Google chrome, Internet Explorer, Mozilla and Firefox.
• Hands-on experience in using D3.JS.
• Knowledge in using database management system such as MySQL.
• Well knowledge of Object Oriented Programming (OOP) . Experienced in multiple programming languages, like Java.
• Solid proficiecy with Agile and waterflow software development methodology
• Fast learner, strong communication, problem-solving, and planning skills, with ability to work independently or in a team environment.
Willing to relocate

WORK EXPERIENCE

Angular UI developer
FFC Mortgage Corp   -   Paramus, NJ - October 2014 to October 2015

Project:PPM (project portfolio management)
Project Portfolio Management (PPM) is aninternalweb application for the finance department to calculate, assess, and decide the annual investment budget. In this web application, the investor can see the cooperation companies, potential investment project, each investment project's details, all possibility of investment portfolio, potential investment income and rate of return.
Responsibilities:
• Participated in development of a well responsive single page application using AngularJS framework, JavaScript, jQuery and JAVA in conjunction with HTML5, CSS3 and SASS.
• Developed the overall layout design that meet cross-device compatibility using Bootstrap and UI Bootstrap in Angular-UI.

• Manipulated Oracle data from a test database management system with developed Node.JS server and tested Restful APIs from the browser used by Postman.

• Using AJAX calls to get data from the backend and display data on multiple types like pie chart, bar chart and so on dynamically by using graph library like D3.js.

• Built up multiple specific modules to encapsulate record component, project component, dashboard component, task component and executive component.

• Used Yeoman generator to manage directory structure, organize components and modules, and bootstrap new directives, modules, and controllers.

• Structured JS code using AngularJS including objects, module patterns and functions that encapsulate business logic, handle form validation, DOMmanipulation.

• Created Single Page Application with loading multiple views using route services and adding more user experience to make it more dynamic by using AngularJS framework.

• Cooperated closely with UX designer and back-end staff for project requirement and analysis.

• Created and managed all of hosted or local repositories throughGIT.

• Performed unit testing using Jasmine and Karma, along with integration testing Chrome Inspector to fix bugs and worked closely with QA.

• Watched project changes with Grunt task runner and installed latest version of libraries with Bower based on running in the Node.JS environment.

• Basic experience in database like MySQL.

• Involved in Agile scrum meetings and updated the tasks based on the user stories of Sprint in Jira.

Environment:

HTML/HTML5, CSS/CSS3, LESS, AngularJS, JavaScript, Node.js, D3.JS, Bootstrap, JAVA, SQL, Ajax, JSON, GIT, Grunt, Jasmine, Karma, Bower, Agile

Front End Web Developer

Aflac - New York, NY - February 2013 to September 2014

Project: Studio Management System

Aflac is a Fortune 500 company, providing financial protection to more than 50 million people worldwide. The studio management system aimed at building a multifunctional and well-structured web app to manage sales, transactions and inventory.

Responsibilities:

• Designed and implemented a web app for storing the information of customer, generating sales reports, saving personal contacts and handling schedule management.

• Received business logic specifications and design documents, and translated them into HTML5, CSS3 preprocessor styling SASS, JSON files, JavaScript code and AngularJS.

• Utilized AngularJS framework to bind HTML template (views) to JavaScript object (models)

• Built AngularJS framework including MVC architectures, different modules, specific controllers, templates, custom directives and custom filters.

• Worked one-on-one with client to develop layout, color scheme and layout for his website and implemented it into a final interface design with the HTML5/CSS3&JavaScript.

• Applied multiple built-in Directives such as ng-model, ng-click into AngularJS application.

• Created custom Directives which contain restrict values (AECM), isolate scope, template, and link functions in order to display a list of items inside a grid.

• Developed page layouts, navigation and presented designs and concepts to the clients and the management to review.

• Created custom Filters which can format data in different ways based on the requirements and involved in two-way data binding technique with styling from Bootstrap.

• Manipulated data using CRUD operations of MySQL database management system and handled database access and data transmission based on Restful web service.

• Converted data from database into JSON or XML format files and retrieve useful information using AJAX calls to display them on the browser.

• Designed a responsive website using Bootstrap grid system to layout contents that fit different devices including mobile, tablet and desktop.

• Worked with source version control tool GIT to manage the code repository.

• Worked through cross browser compatibility issues with layout and styles and fixed major bugs for supported browsers and platforms.

• Used RESTful APIs which support JSON and XML to access back-end data payload.

• Managed projects with Grunt task runner and combined with Bower package manager to install JavaScript latest version of libraries based on running in the Node.js environment.

• Interacted with the back-end staff and scrum master at the daily meeting for new features in this web app using Agile software development methodology.

Environment:

HTML/HTML5, CSS/CSS3, SASS, AngularJS, JavaScript, Ajax, JSON, MySQL, Bootstrap, Jasmine, Karma, Grunt, Bower, GIT, Agile

Front End Web Developer

XtelCommunications Inc - February 2011 to February 2013

Project: Commercial Information Management System

Xtel Communications was founded on the guiding principle that providing superior communications services at competitive prices helps form the backbone of successful businesses. The commercial information management system was to retrieve data from the client side and displayed them back to the client side. This project also involved in creating and maintaining the webpage to keep track of the updated information.

Responsibilities:

• Worked directly with business analysts to ascertain requirements and defined projects plan documents.

• Designed dynamic and browser compatible webpage usingHTML5, CSS/CSS3, JavaScript and jQuery.

• Worked on both mobile's responsive web design and desktop pages.

• Created database tables and manipulated data using MySQL.

• Used JSON to store and access the data in a search pages.

• Developed modules to retrieve data using AJAX calls through jQuery method.

• Applied XML into transferring administration data to the back end.

• Developed the login system using jQuery validation plugin to validate the fields of the user registrant screen and login screen.

• Implemented a lightweight customizable jQuery plugin for styled appearance.

• Resolved Cross Browser Compatible Issues for different version of IE, Safari, Chrome, Firefox and Opera.

• Achieved responsive effect on internal test website using Bootstrap.

• Debug code by using IE tester, Chrome Inspector, SafariWeb Inspector.

• Test code by usingJasmine testing framework.

• Used GITas version control application to maintain the update.

• Optimized images for web page display, and feature item slides using AdobePhotoshop.

• Maintained page layouts, navigation, presented designs and concepts to the clients and the managements to review.

• Cooperated with team members to conduct user research with strong communication, analytical and interpersonal skills.

Environment:

HTML/HTML5, CSS/CSS3, JavaScript, jQuery, Ajax, JSON, SQL, SVN, Bootstrap, Photoshop, XML

UI Developer

Miles Car Rental - New York, NY - June 2009 to January 2011

Project: Online Car Rental System
Miles Car Rental is a car rental company in New York. The Online Car Rental System based on product requirements and user experience to provide customers with a wide variety of online products and services, and building up a simple, well structured, easily maintainable website.

Responsibilities:
• Worked with business analysts to understand and implement complex functionality related to business requirement.
• Created front-end web page using HTML, CSS, JavaScript as well as jQuery.
• Working as a team to design HTML and CSS to fit into screen of different device by using Media Queries.
• Implemented the data accessing through AJAX calls in JSON formats.
• Optimized the displaying feature in respond to a page redirection event using JavaScript.
• Edited images with Photoshop and Adobe Illustrator.
• Used version control system tool such as SVN to manage the code repository.
• Resolved cross-browsers compatibility issues for IE, Chrome, Firefox.
Environment:
HTML, CSS, JavaScript, jQuery, Ajax, JSON, SVN, Adobe Photoshop, Adobe

EDUCATION

Master in ofComputer Science

New Jersey Institute of Technology - Newark, NJ

SKILLS

HTML/HTML5, CSS/CSS3, LESS, AngularJS, JavaScript, Node.js, D3.JS, Bootstrap, JAVA, SQL, Ajax, JSON, GIT, Grunt,

ADDITIONAL INFORMATION

TECHNICAL SKILLS:
Web Technologies HTML/HTML5, CSS/ CSS3, JavaScript, jQuery, Bootstrap, SASS, LESS, AJAX, JSON, XML, Angular JS, Agile, Grunt, Bower, npm, D3.JS, Node.JS
Testing tools IE tester, Chrome Inspector, Firebug, Safari Web Inspector, Jasmine
Version Control System tools SVN, GIT
Protocols HTTP, TCP/IP
Technical Language Java, JavaScript
IDE / Text Editors WebStorm, Sublime, Visual Studio, Eclipse, NetBeans
Database Management System SQL, Access, Oracle