

Bob Bao

Sr. UI Developer - Kings Food Markets

New Jersey - Email me on Indeed: [indeed.com/r/Bob-Bao/2bd7ff28fcb02382](https://www.indeed.com/r/Bob-Bao/2bd7ff28fcb02382)

- 6 years of professional experience in design, development, and testing of Front-End web-based applications in E-Commerce and Banking Domains.
- Proficient in User Interface (UI) development technologies HTML/HTML5, CSS/CSS3, DOM, Javascript, TypeScript, JQuery, AJAX, AngularJS, Angular 2, React and JSON.
- Excellent skills in building Single Page Application (SPA) by using AngularJS framework.
- Rich experience of creating custom Directive, Services and Filters.
- Skillful in developing Responsive Web Design using CSS Bootstrap and Media Queries.
- Experience in using Bootstrap to handle the layout with Grid System, create Bootstrap Components like Navigation Bars, Modal, Pagination, Dropdowns, and Carousels.
- Highly experienced in HTML/HTML5 including new features such as Semantics, Form Validation, Media (Video, Audio), Graphics (Canvas, SVG) and HTML APIs such as Web Worker, Local/Session Storage and Geolocation.
- Extensive experience in CSS/CSS3 new features such as Transition, 2D/3D Transform, Animation and Shadow.
- Hands-on experience of using LESS and SASS as the CSS pre-processor.
- Solid knowledge in Javascript with solid understanding of Promise, Prototype Chain, Closure, Hoisting, OOP (Object-oriented Programming), etc.
- Worked with the teams to implement project using modern tooling such as React and Redux.
- Experience with Back-end technologies including Node.js, Express.js and Java Web. In-depth understanding of RESTful API development.
- Experienced in using relational databases including Oracle and NoSQL like MongoDB.
- Knowledge in Agile software development, Waterfall model, Software Development Life Cycle, and Software Test Life Cycle.
- Familiar with various Design Patterns such as Proxy, Factory Method, Prototype and Singleton.
- Extensive experience in using version control tools such as Git and SVN.
- Familiar with some fabulous tools such as Chrome inspector, Firebug, IE Tester for debugging.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Sr. UI Developer

Kings Food Markets - Parsippany, NJ - August 2015 to Present

Project: Food Ordering System (FOS)

Description:

Food Ordering System is a web based Food Ordering Tool used by different clients, customers and vendors for placing different food products online. FOS established a smooth flow from sales quote to approved order, successful order to fulfillment, and timely invoicing to payment. It has many modules including register, login, administration, portfolios, chart views, deals query, deal alert, etc.

Responsibilities:

- Design and maintained the front-end page layout by using HTML/HTML5, CSS/CSS3.

- Developed web pages and forms with functionalities like Login, Register, Forget Password, Email, Filters using JavaScript and HTML5.
- Coded JavaScript for page functionality and Pop up Screens and used HTML5 to make Dropdown menus on web pages and display part of a web page upon user request.
- Involved in making the application Responsive using Bootstrap Grid System, utilized Bootstrap components like Pagination, Navbars, Dropdowns, Modal, Popover and so on.
- In React developed efficient updating of HTML document when data changes and it is a Single Page Application.
- Used React for building several web components and used Redux for building model and functionalities to the controller.
- Used React to implement rich functions in various pages: form validation, CRUD, multi-selection, search, sort, advanced/custom directives, and authentication.
- Worked with the browser by using virtual DOM and component life cycle like Mounting, Updating and Unmounting in React.
- Managed scripting packages with Bower installation.
- Used Gulp along with Node JS to perform watch on unit tests, modification and live reloading to apply the changes made.
- Wrote code to implement AJAX based applications by fetching the response from backend API as a part of JSON.
- Involved in creating and consuming the back-end RESTful Services using Node JS and Express framework.
- Storing the cart information temporarily by using Local Storage when user has not logged in the webpage.
- Developed an application by using JavaScript design patterns like singleton and factory.
- Logged and debugged the code by using Chrome developer tools.
- Extensively involved in design, implementation, testing and maintenance phases of SDLC by Agile methodology and Test Driven Development (TDD).
- Involved in various testing methods such as Unit testing, Integration testing and utilized Git to fulfill the version control.

Web Developer

UniWyo Federal Credit Union - Laramie, WY - December 2013 to July 2015

Environment:

HTML/HTML5, CSS/CSS3, JavaScript, jQuery, Bootstrap, React, Redux, JSON, AJAX, Oracle, Brackets, Gulp, Git.

Client: UniWyo Federal Credit Union, Laramie, WY Dec. 2013 - July 2015

Role: Web Developer

Project: UniWyo Banking User Interface

Description:

The project deals with developing a banking system, which involves applying and managing checks, credit/debit cards on the website. Customers can access account history and transaction information through the front-end page that interacted with a database.

Responsibilities:

- Extensively involved in various phases of Software Development Life Cycle such as Requirements Analysis, Design and Implementation and Maintenance in Agile environment.
- Designed and maintained front-end page layout using HTML, CSS, JavaScript, jQuery, AJAX and JSON.
- Updated input forms with HTML5 Form Validation, Type and Attributes Restrictions to validate the client inputs.
- Used LESS as the CSS pre-processor and compiled less file with Gulp.

- Created Responsive Web Design using Bootstrap and CSS Media Queries.
- Created Navigation Bar, Dropdown Menu, Image Carousel, Button, Modal, Form, Table, Pagination using Bootstrap.
- Used JavaScript to handle the basic logics and bind the Event Handlers.
- Supported clients query monthly statement and sort transactions by their own criteria using AngularJS that includes Data binding.
- Supported Single Page Applications when client changed his query condition using AngularJS that includes Routing, Directives, and Templates.
- Utilized AngularJS to achieve the client-side elements Hide, Show, Event Handling and AJAX Call on JSON response, and implemented Angular's jqLite to achieve DOM manipulation.
- Utilized AngularJS Dependency Injection to inject different Services just like custom Services, and create some custom Directives to provide some reusable components.
- Implemented different kinds of custom Filters in AngularJS to format displayed data.
- To do asynchronously fetch data from back-end to the front-end by using Promise which include \$http and \$q service.
- Utilized Mongoose for the Object Modeling and Database interacting with MongoDB.
- Used NPM, Bower for package management.
- Utilized Node.js and Express.js to do the relevant back-end RESTful API.
- Utilized Passport.js to do the authentication part for the system.
- Handled Cross-Browser Compatibility Issues and Unified CSS Layout across various browsers and platforms such as Internet Explorer, Mozilla Firefox, Google Chrome and Opera.
- Actively tested, debugged and participated in troubleshooting the existing code using Chrome Inspector and Firebug tools.
- Used Git for version controlling.
- Joined daily scrum for discussing, trouble-shooting issues and fixing defects.

Environment:

HTML, CSS, Bootstrap, JavaScript, jQuery, AngularJS, JSON, AJAX, MongoDB, Mongoose, Node.js, Express.js, Passport.js, WebStorm, Git.

Web Developer

War Memorial Stadium - Laramie, WY - June 2011 to September 2013

Project: Schedule Management Dashboard

Description:

Schedule management dashboard provides users with account management tool. Involved in MEAN stack development. Also, developed HTML email template and redesigned mobile-friendly layout. Built up new features such as profile upgrading, online support on home page. Other technologies such as using google maps API, Facebook API to create a simple, neat, and attractive design. We redeveloped a brand-new user register form as well.

Responsibilities:

- Development of code using HTML, CSS, JavaScript and libraries such as jQuery to create search system GUI, menus, product selectors and etc.
- Used Bootstrap to create a responsive website across multiple devices with different screen size.
- Optimized website performance by converting the site to sprites instead of individual images, using Content Delivery Network (CDN), and fine-tuning specific scripts and stylesheets.
- Used jQuery and JavaScript in developing code for customer shopping process, including validating customer information form, sending customers information to the server and GUI for payment process.

- Set up appropriate positioning of elements in terms of pixel-perfect.
- Maintained the client login status, and saved logged-in user carts' items until they checked out using User Session and Cookies.
- Used AJAX to retrieve related product data as JSON format.
- Performed extensive debugging with Chrome Inspector.
- Worked on documentations and presentations using Microsoft Office.
- Involved in maintenance and support, including other existing applications.
- Developed innovative internal solutions to meet the needs of our clients, communicate with Project managers, Software Engineers, and other Creative Team members throughout the planning meeting.
- Used Git to manage version control.

Environment:

HTML, CSS, Bootstrap, JavaScript, jQuery, AJAX, JSON, WebStorm, Git.

EDUCATION

Masters of Computer Science in Computer Science

University of Wyoming - Laramie, WY

SKILLS

AJAX (5 years), Bootstrap (5 years), CSS (5 years), Git (5 years), HTML (5 years)

ADDITIONAL INFORMATION

Technical Skills:

Programming Language Javascript, TypeScript, SQL, HTML, C, C++, C#

Web Technologies HTML/HTML5, CSS/CSS3, jQuery, Bootstrap, AngularJS, Angular 2, React, AJAX, JSON, Node.js, Express.js, Passport.js

Database SQL, MySQL, Oracle, MongoDB

Development Tools Eclipse, Visual Studio, WebStorm, Brackets

Version Control Tools Git, GitHub, SVN

Package Management Tools NPM, Bower

Browser Chrome, Firefox, Safari, Internet Explorer