Cassie Guo

SOFTWARE DEVELOPER

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Summary

- Having 5+ years of progressive experience in web-based UI applications from concept and design through testing, implementation using HTML, CSS, JavaScript and MERN stack (MongoDB, Express, React, NodeJS).

- Massive experience working in React using Redux state management, React Hooks, Component Communication, and lifecycle methods.

- Experienced in creating interactive applications with integration of web services by utilizing RESTful API and building web service APIs complying with the REST architecture.

- Worked with all stages of development cycle for Single-Page Applications; also familiar with server-side applications with data structures, object-oriented concepts, and design patterns for modern web APIs.

- Successful at achieving cross browser compatibility while satisfying client requirements and producing robust, sophisticated designs.

- Adapted effectively in Agile environment to create high-performance websites, disciplined and hardworking team player with both strong critical thinking and excellent communication skills.

Technical Skills

Programming Languages: HTML5, CSS3, JavaScript (ES6), Python, XML, TypeScript, SQL

Enterprise & Web Technologies: React, Node.JS, Express, Bootstrap, JS Highcharts, Webpack, BABEL, AJAX, jQuery, SASS

Database Server & Data Manipulation: MySQL/PostgreSQL, Oracle, MongoDB, Spark, AWS, Tableau

Methodologies: Agile (Scrum), Waterfall

Testing/Debugging Tools: Jest, Enzyme, Mocha, Postman

Version Control & Others: JIRA, Git, Eclipse, Visual Studio code, IntelliJ

📑 Project Experience

July 2020 –
Present

Frontend Software Developer | Acumatica Cloud ERP
Acumatica | Seattle WA

Responsibilities:

- Responsible for creating Single-Page Application and developing User Interaction screens using HTML5, CSS3, JavaScript, Node.JS, React.JS and Semantic-UI.
- Used CSS preprocessors like SASS for re-usable style components.
- Wrote with ECMAScript 6 features to build JSX using Webpack, BABEL.
- Worked with states, specs, props, and events to create interactive React JS components.
- Utilized React-Router to create Dynamic Routing.
- Worked with modules like MongoDB and Mongoose for database persistence and used Node.JS to interact with MongoDB.
- Applied JSON web tokens for authentication and authorization security configurations using Node.JS
- Used React, Axios to create Components to handle events triggered by clients and send requests to the server.
- Used Middleware like Redux-thunk in application to retrieve data from the back end and to also perform RESTful services.
- Drew responsive charts using JS Highcharts library.
- Version controlled by Git and implemented Checkout and Check-in to the repository.
- Collaborated with testing colleague to do unit testing using Jest.

Sep 2019 –
May 2020

Frontend Software Developer | Project Management Tool
Mavenlink | Los Angeles CA

Responsibilities:

- Involved in creating Software Design Documents, Technical Design & Unit Testing Documents.
- Created React reusable components and routing to implement navigation between the components.
- Implemented applications with the Lazy-Loading concept to decrease the initial payload time and downloading time for the application.

- Used Chrome developer toolbar, Firebug, and safari developer tools for troubleshooting and debugging.
- Bundled JavaScript files with Webpack and used NPM to manage dependencies.
- Managed state within the app using Redux and persisted certain parts of the state to the device via Redux Persist.
- Managed version control using Git.
- Implement modules into Node JS to integrate with designs and requirements.
- Built RESTful APIs using Express and NodeJS.
- Participated in daily Scrum meetings, seasonal Sprints, and other Agile/Scrum project management workflow.

April 2018 – July 2019

Individual Software Developer | Pharmacy Benefit Management
Simcere Pharmaceutical | Nanjing, China

Responsibilities:

- Built ETL pipeline to analyze drug pricing in current market.
- Collaborated with Data Scientist to develop frontend UI for drug-recommendation system.
- Implemented applications with Lazy-Loading concept to decrease initial payload time and downloading time for the first-time.
- Used Chrome developer toolbar, Firebug and Safari developer tools for troubleshooting and debugging.
- Fixed Form-Validation issues using Formik and Yup in JavaScript.
- Built RESTful APIs with Express and Node.JS.
- Bundled JavaScript files with Webpack and BABEL.
- Managed version control using SVN.

Sep 2017 – Apr 2018

Individual Software Developer | DigitalXPerience Studio
Insurity LLC| Hartford, CT

Responsibilities:

- Mainly focused on CSS part for client-side UI presentation and, data validation on the client-side within the forms.

- Worked on the application using JSP for Front End, Spring to manage business layer components, and JDBC for performing database transactions.
- Worked on Responsive Web Design using Bootstrap Grid system and CSS3 Media Query.
- Converted the mock-ups into hand-written HTML, CSS 2/3, JavaScript, JQuery, AJAX, XML and JSON. Developed user authentication and order processing modules for customer-facing applications.
- Adjusted the inconsistent page UI layout across devices.
- Worked with Package managers NPM, Bower, and build tools Gulp.
- Worked in an Agile Environment and participated in requirement gathering, analysis, and design.

Education

- Master of Science in Electrical Engineering
  University of Southern California | Los Angeles CA

- Bachelor of Science in Biomedical Engineering
  University of Connecticut | Storrs CT

Portfolio