**Hongdong Bao**

Full Stack Developer

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Portfolio: <https://branbao1995.github.io/React-Portfolio/>

GitHub: <https://github.com/BranBao1995>

LinkedIn: <https://www.linkedin.com/in/hongdong-brandon-bao/>

**Summary**

* Experienced full stack web developer with good knowledge in a variety of technologies and frameworks.
* Earned a Full Stack Web Development certificate from The University of Toronto School of Continuing Studies.
* Great project management skills and great understanding of the Agile Methodology.
* Prioritize responsive design for web applications to ensure great user experience on both mobile and desktop devices.
* Team-centric developer who always thrives in a team environment, improves team chemistry, and provides great leadership qualities.
* Always eager to learn new technologies and to continuously improve as a developer.

**Technical Skills**

* Highly skilled with frontend technologies such as HTML, CSS/SASS, Javascript ES5/ES6/ES7, JQuery, Bootstrap.
* Proficient with modern JavaScript architecture and able to use NPM packages for 3rd party code library installation to improve the development process.
* Strong knowledge on Redux for fast state management necessary for large size applications.
* Capable of using custom code compilers such as Babel and Webpack to ensure JavaScript and cross-browser compatibility.
* Highly skilled with responsive web design and CSS media queries.
* High proficiency with Chrome developer tools for client-side debugging.
* Server-side development experience with Node.js, Express.js, MongoDB, MySQL. Able to build Restful APIs on Express framework with SQL or NoSQL databases.
* MERN stack applications development experience with GraphQL, Apollo Server, React.js.
* Proficient with PWA development using service workers, frontend caching, IndexedDB.

**Project Experience**

**6ixAuto**

**Link to Project:** [**https://the6ixauto.herokuapp.com/**](https://the6ixauto.herokuapp.com/)

**Link to GitHub Repository:** [**https://github.com/BranBao1995/6ixAuto**](https://github.com/BranBao1995/6ixAuto)

* 6ixAuto is an online auto trading platform for the GTA. Sellers and buyers would deal directly and privately with no fees collected by the platform.
* 6ixAuto is a MERN stack web application designed to be fast and user friendly.
* Fast rendering of pages and components made possible with React.js, routing was done in the frontend to minimize the number of requests sent to the server.
* Eliminated endpoint creations and avoided unnecessary data fetch by using GraphQL with Apollo Server.
* Polished UI to lower bounce rate.
* Other technologies used include: Bootstrap for React, Node.js, Express.js, MongoDB, Mongoose.

**Shophub**

**Link to Project:** [**https://shophub-hongdong.herokuapp.com/**](https://shophub-hongdong.herokuapp.com/)

**Link to GitHub Repository:** [**https://github.com/BranBao1995/Shophub**](https://github.com/BranBao1995/Shophub)

* Full Stack E-Commerce website where customers can shop for groceries, electronics and more.
* Added authentication feature using sessions and cookies to prevent customers from viewing inventories and checkout without login.
* Implemented a MySQL database to store product data, as well as account information for customers such as username, email, and password.
* Custom built RESTful API to handle HTTP methods to ensure proper data communications between client and server.
* This project adheres to the MVC paradigm with clear separation of concerns.

**K&K Cabinets & Countertops Official Site**

**Link to Project:** [**https://branbao1995.github.io/kkproject-2/**](https://branbao1995.github.io/kkproject-2/)

**Link to GitHub Repository:** [**https://github.com/BranBao1995/kkproject-2**](https://github.com/BranBao1995/kkproject-2)

* Redesigned the official website of K&K Cabinets & Countertops using React.Js.
* Used Google Firebase database to store images. Its easy-to-use UI made it convenient for owners to upload new images to the website. No knowledge of databases like MySQL and MongoDB was needed.
* Utilized Axios on the client-side to fetch images from Google's Firebase database.
* Implemented strategic state management with Redux, to ensure proper webpage behaviors at different states.
* Made use of the Redux Development Tool to assist the debugging process for abnormal state behaviors.
* Upscale, elegant, user-friendly and responsive page design to significantly enhance user   
  experience.
* The redesigned website was accredited by the business owner for being a huge improvement from the old website.

**Work Experience**

**Commercial Public Storage Services Representative – Jim’s Brother Trading Co. (2020 – 2022)**

* Performed daily tasks such as replying to clients' emails and making appointments for deliveries and pickups.
* Answered inquiries from clients regarding storage rules and prices.
* Used Camelot Express WMS software to manage, and monitor clients' inventories.
* Great communications with clients for coordinating the release & receipt of storage goods to ensure urgent requests were taken care of in a timely manner.
* Smart allocation of resources to ensure different storage requests were handled efficiently, such as assigning a right number of staff and time best suited for a specific storage request.
* Coordinated with delivery drivers when deliveries were requested by clients.
* Ability to investigate situations involving inventory losses and damages, and to report to the clients.

**Achievement**

* K&K Cabinets & Countertops Official Website Redesign Contest – 2nd Runner up

**Education**

* Full Stack Web Development Coding Certificate – University of Toronto School of Continuing Studies (Sep, 2022 – Dec, 2022)
* Bachelor of Applied Sciences - University of Ottawa (2014 - 2019)