

EMPLOYMENT

Front-End Engineer

Perkbox

September 2018 - Present

- Built a quoting tool based on a proof of concept (using Salesforce Lightning Components). This single page application was embedded in a lightning container in Salesforce, to help the sales team sell our products at custom prices, quantities, and discounts. Tech stack: Reactjs, Redux, ES6, SF lightning container.
- Developed a re quoting tool (as an extension of the previous quoting application), which allowed salespeople to visualize what products, number of licences, and discounts a customer is being billed for. The majority of the functionality worked very similarly, except that it runs a differential algorithm to know if we are upselling, cross-selling, down-sell, or just simply extending the current customer contract with the same amount of products. It also allowed for greater flexibility in choosing if the change of contract is immediate or sometime in the future. Tech stack: ReactJS, Redux, ES6, SF lightning container.
- Scoped with Product Manager and Designer the user experience of a public contract page in the Perkbox platform where customers would be able to see the information of the quote setup in Salesforce. Supervised the development and delivery of the project, while supporting and mentoring a Junior developer. Tech stack: ReactJS, Redux, ES6, Axios.
- Improved the code quality of our main product (Perks) through refactoring using new Reactjs lifecycle methods and new hooks based api. Tech stack: Reactjs, Redux, ES6, Apollo Client, React Hooks api, GraphQL BE.

Front-End Engineer, Intern

Perkbox

July 2018 - September 2018

- Developed with the guidance of the Front-end Solution Architect an event capture framework abstracted on top of the Mixpanel SDK for Web, iOS, and Android. This allowed us to track customers' actions throughout the platform with the goal to use data analytics to make better product decisions. Tech stack: Reactjs, ES6, Mixpanel SDK (JS, iOS, and Android).

EDUCATION

London

Birkbeck, University of London

September 2017 - Present

- BSc Computing (Part-time)

TECHNICAL EXPERIENCE

Projects

- **Coachee.io:** Architected and deployed a single page application using Netlify and a custom domain name. I was responsible for building the user interface (using reusable components), implementing the authentication/authorization service layer with global state management, and as well a PCI compliant checkout page for customer payments. Tech stack: Reactjs, Redux (Thunk), ES6, React Router, React bootstrap (layout and navigation menu components), Formik, Yup, Styled components, React Stripe Elements library, JWT's, Axios, Netlify. Website: <https://www.coachee.io>

- **GinnyBradley.co.uk:** This was my first project and I worked on two parts of it - a public user interface and content management that was behind an authentication layer. The public interface was built from the ground up without the use of any bootstrapping tools or frameworks, while the CMS was based on an open-source HTML template where the irrelevant content was stripped apart. All the code was written using JS in strict mode. Tech stack: EJS, JS, HTML5, CSS3. Github repo: <https://github.com/coderlist/coderlistgp1>
- **filipec.dev:** This is my website, it was built to learn more about Continuous Integration and Continuous developing. Tech stack: Nextjs (SSG React), Docker, Nginx (Host process), CircleCI.

ADDITIONAL EXPERIENCE AND AWARDS

- **Coderlist pioneer:** Became a Pioneer for delivering a business project through the CodeGroups, where I worked alongside a Project Manager, a Designer, a Backend Developer, and a Database developer. This was the first time I worked in a project that had a client, deadlines, and followed an Agile methodology and Kanban workflow using Trello. Website: <https://www.coderlist.io/coderlist-pioneers>
- **OOS:** Contributed for the first time to an open-source project that uses a not so public Netflix API, the objective was to logging errors, something that this project didn't cover at the time. My contribution: <https://github.com/LBBO/node-netflix2/pull/29>

Languages and Technologies

- Javascript (ES6, Webpack, Jest), Typescript, React (Native, Redux), Apollo Client, CSS (SASS / Styled Components), HTML 5, ESLint, Prettier
- Nodejs (Express, Nextjs), GraphQL, Nginx, SQL (MySQL, Postgres), NoSQL (MongoDB / DynamoDB)
- AWS, Digital Ocean, GCP