

# Mobile & Web Applications Developer

## Cesar Guerrero Garcia

### Experience

#### ***Front-end Developer – Cantactix***

Oct 2022 – Present

Took charge of developing the company's component library, I used **React, Rollup and styled-components**. I am also the main developer for the company's flagship product developed in React. Completely re-developed and enhanced the app making it more performant and modular.

#### ***Web Development Professor - Algonquin College - Part-time***

Jan 2021 – May 2024

Taught Web development focused on front-end development where intermediate students take their basic knowledge of **CSS, HTML, JS** and apply it to real life projects. Students are introduced to more complex development using **ReactJS** and other common workplace practices such as projects management and code reviews.

#### ***Software Developer – Shoebox.md***

Nov 2020 – Oct 2022

Development of new features for our customer portal with **React, Hooks and Redux**. Working collaboratively and with cloud squad to ensure front and back-end requirements align. Taking part in architectural discussions giving my input and voicing out concerns as well as implementation discussion where I help product owners understand the work needed to complete a feature.

#### ***Software Applications Developer - Mitel***

Nov 2017 – Nov 2020

Used **Angular 10, RXJS, and Electron** to develop our flagship product MiTeam Meetings as a progressive web app and desktop application. Worked on new features creating pixel perfect re-usable UI components, implementing business logic writing e2e tests using protractor, and took over CI/CD deployment and release of new app versions as well as writing release notes for each release. Furthermore, I have been involved in the design of MiTeam Meetings by providing valuable feedback to our UX department on implementation of new features. Lastly, I've developed leadership skills, carried out interviews and part-take in application feedback triaging for incoming issues.

Also developed an Outlook plug in using React that allowed users to deploy our meeting scheduling system from Outlook.

### Skills

#### **Programming Languages**

JavaScript, C#, React  
Native, Swift, Kotlin.

#### **Web Based Frameworks and Libraries**

ReactJs, Redux, NodeJs,  
Storybook, Jest, Express, Next,  
Angular, RXJS, PHP, CSS-in-JS,  
XML, Electron, Mocha, Chai

#### **Databases**

Firebase, MySql, MongoDB.

#### **Tools & IDE**

Visual Studio, Eclipse Java, Git,  
Microsoft Office Suite, Android  
Studio, Xcode.

## Achievement & Awards

### ***Placed 3rd at Mitels' internal R&D competition***

My team and I placed 3<sup>rd</sup> from over 150 projects at the company's internal R&D competition where we developed a whiteboarding feature that allowed users to collaborate in real time. The feature was meant as an addition to our existing video collaboration product.

### ***2<sup>nd</sup> Place at RE/action day showcase at Algonquin college.***

My team and I received an award of excellence for placing second out of over 130 projects at RE/ACTION day showcase spring 2017.

## Milestone projects

### ***React Native App for CBSA***

Advanced Conveyance Examination (ACE) App for Canadian Border Services Agency (CBSA).

The ACE app was developed as an MVP by myself and a team of 4. It is designed to assist border officers at international ports of entry find illegal goods hidden inside vehicles.

My role within the team was as development lead. I took an active role in developing the back-end API for the app with NodeJs, Express and MongoDB. Also, contributed largely on the front-end, as well as integration of the front and back end.

Features:

- Searching vehicles by Make/Model/Year.
- Finding hiding spots within that vehicle.
- Seeing details about a hiding spot.
- Adding hiding spots/vehicles.
- Notifying border officers about new hiding spots added.

### ***React JS Web App for CHEO***

Juvenile Idiopathic Arthritis (JIA) OptionMap web app for Children's Hospital of Eastern Ontario (CHEO).

Developed the JIA OptionMap as part of my work at the social innovation lab. The app is designed to help youth with idiopathic arthritis find alternative treatments to manage their pain.

As the sole developer I designed the algorithm that allows the app to show treatments based on the user's answers. I also followed the design provided by the client and created the interactive illustrations on the app with Adobe Illustrator.

Features

- Interactive illustration of pain points.
- Identifying key answers to show only related treatments.
- Conditional rendering based on URL path.
- Saving data in local storage.

## Education

### ***Mobile Application Design & Development Diploma Algonquin College of Applied Arts and Technology***

- GPA: 3.9/4