Mobile & Web Applications Developer

Cesar Guerrero Garcia

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Objective

To build intuitive and efficient software can provide great user experience to its users, therefore making their life at work or home better.

Portfolio

You can find some of my work in my digital resume at: <https://guer0157.github.io/portfolio>.

Skills

* **Programming Languages**

JavaScript, C#.

* **Operating Systems**

Windows, Linux, Mac OS.

* **Web Based Frameworks and Libraries**

ReactJs, Redux, NodeJs, Storybook, Jest, Express, Next, Angular 9, RXJS, Protractor, PHP, HTML5, CSS, XML, Cordova, Electron, Mocha, Chai, JSON, Saas.

* **Mobile**

React Native, Swift, Kotlin.

* **Databases**

Firebase, MySql, MongoDB.

* **Tools & IDE**

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

Experience

#### **React Developer – Shoebox.md**

##### Dec 2021 – Present

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.

#### **React Developer – Freelance**

##### May 2018 – Present

I have worked on freelance and personal projects using React JS for over 4 years and it’s my favorite library to work with. I also have a Medium blog where I write about ReactJS in Spanish to help Spanish speaking developers keep up to date with React releases and other development news and tutorials. You can find some of my work in my digital resume at: <https://guer0157.github.io/portfolio>.

#### **Full-Stack Application Developer – Transport Canada**

##### April 2021 – Dec 2021

Enhancing and improving an existing vessel certification platform for the government of Canada using C#, .Net and Razor. Breaking down problems and implementing business logic with a strong focus on creating intuitive and appealing UI. Keeping close communication with product owner and UX team to create a product that meets the needs of our users and is easy to use.

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

##### May 2019 – April 2021

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.

#### **Program Assistant/Mobile Applications Design and Development - Algonquin College**

##### January 2019 – April 2019

Help students grasp the concepts of vanilla JavaScript, NodeJs and Object Oriented languages as well as hosting open labs for first and second semester students to help them with assignments and code debugging.

#### **IBM-SLiDE Developer - Social innovation lab, Algonquin college**

##### May 2018 – April 2019

Help set the foundation for SLiDE a brand-new initiative at Algonquin College that aims to create interdisciplinary teams and help the social and non-profit sector by providing digital services to these organizations. As a team we developed SLiDES's website using HTML, CSS, and JavaScript - I was personally in charge of the JavaScript development. Showed initiative and collaboration in every project developed by the SLiDE team, which focuses on providing digital technology for socially conscious organizations. Furthermore, I took a leadership role in the team and often organized and delegated tasks to my teammates in order to work efficiently. Some of the organizations and projects undertaken at SLiDE include: A Website using HTML, CSS, JavaScript for BottleWorks and a Web App built in React JS for CHEO.

Achievement & Awards

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

My team and I placed 3rd 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.

#### **2nd 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 2019.

#### **Graduated with Honours From Algonquin college.**

Through hard work and dedication, I managed to achieve academic excellence through every semester and graduated with Honours and a 3.8 GPA.

#### **Deans Honors List**

Algonquin College’s Dean Honors List recognition is awarded to students that earn a grade point average (GPA) for the term between 3.60 and 4.00 with no grade below C minus (C ‐)

* Fall 2017
* Winter 2018
* Fall 2018
* Winter 2019

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 boarder 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.

Portfolio

***MiTeam Meetings***

URL: <https://bit.ly/3zb4vfG>

* Used angular and Saas
* Helped develop many UI features in the product
* Worked with RXJS and observables to implement business logic and manipulate web socket input.

***React JS Website (project in progress)***

URL: <https://guer0157.github.io/portfolio/#col-left-portfolio>

* Implementing react, react-routed-dom, reactstrap and react-redux to create a website.
* Coded server-side to communicate with a mongoDB database.

***Bootstrap Website***

URL: [http://cerrajeriaaurrera.com](http://cerrajeriaaurrera.com/)

* Developed a simple website with bootstrap for a freelance client.
* Completed all parts of the development from design to deployment.

***IOS Passport Application***

URL: <https://guer0157.github.io/portfolio/#col-left-portfolio>

* Used swift to develop a passport application.
* Implemented URLSession and URLRequest to make calls to a JSON API for data.

Education

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

Graduated 2019.

* GPA: 3.9/4