**Backend Software Developer**

New Westminster, BC

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*Full Stack developer 2+ years of hands-on experience designing, developing and implementing applications using C# ASP.NET, Ruby and Rails, Node.js, Spring and consuming these api with React.js, Vue.js. Have a huge interest in learning about Cloud based services together with Kubernetes.*

# Professional Experience

## HIMARKET, Curitiba-Parana, Brazil

## Programmer, September 2016 – Present

* Solved more than 10 issues regarding the DB’s queries.
* Improved the speed by 10% in some **LINQ** queries.
* Improved by 60% queries speed by changing some **LINQ** operations to **raw SQL**.
* Created **Elastic Search** queries using **NEST**, fixing issues with indexing.
* Made some improvements on the front-end using Razor allied with jQuery
* Used **bootstrap** to facilitate design.
* Used **DataTable** library for **jQuery** for creation of tables.
* Developed from the ground zero an application with **Ruby on Rails** and **Vue**.
* Used **Webpack** to compile the assets to one project.
* Created **scopes** within **concern** to add abilities to models.
* Leverage **rails routes** to **Vue** components.
* Created dashboards using **Metabase**.
* Linked dashboards to our portal using an **iFrame**.
* Created **dynamic filters** that were logically linked between each other.
* Created tests, using **RSpec**, for our endpoints.
* Embedded the tests within **GitHub**.
* Used GitHub to create **pull requests**, **branches** and **review code**.
* Build workers in **Python** to read an **external API** and **feed our DB** with their data.
* Build **Kubernetes clusters** inside **Google Cloud**.
* Used **Cert-Manager** to **automate** the **creation of certificates** for our Domains
* Used **Google Cloud SQL Proxy** to connect our Kubernetes Pods to our Cloud SQL DB’s
* Used **NGINX** to build reverse proxies to direct html requests to our Pod applications.
* Creation of VM’s for third party frameworks in Google Cloud.
* Created **migration** using Rails.
* Created separated contexts for two Databases in Rails.
* Created models for **PostgreSQL** and **MySQL**.
* Used **Devise** to create authentication to our portal.
* Used **Kaminari** for pagination within our portal.
* Created **a CI/CD** using **Jenkins** within our Kubernetes Cluster.
* Used **docker** to compose images to our **Rails Application** and **Jenkins**.

# EDUCATIONAL Experience

## Douglas College, New Westminster BC

## Post Baccalaureate of Computer and Information Systems, 2018-2020

* Created a project in Node.js for creating goals for stocks investment
* Used Alpha Vantage API to collect stocks information.
* Created component logic for logged and unlogged users in React.
* Created project in Java Swing for Post Tracking services.
* Used Node.js with Mongoose to create NoSQL models.
* Used NPM to download bootstrap for React to help design the websites.

# Education

## POSITIVO UNIVERSITY, Parana - Curitiba, BR

*Bachelor of Computer Engineer, 2010-2016*

**Douglas College, New Westminster – BC, Canada**

*Post Baccalaureate of Computer and Information Systems, 2018-2020*

# Additional Skills

* **Programming:** C#, C, C++, ASP.Net, Python, PHP, Ruby&Rails, React, Vue
* **DBMS:** LINQ, ActiveRecord, PostGres, MySQL, MongoDB
* **OS:** Windows Server 2016, Linux/Unix, Mac OS X

# LINKS

## Main GitHub: https://github.com/marcosmarangoni

## Educational GitHub: https://github.com/MarcosMarangoniDouglas

## LinkedIn: https://www.linkedin.com/in/marcos-eduardo-marangoni-6927318b/