Mathieu Rhéaume

418-931-7493   mathieu@codingrhemes.com   50 Rue Charles-Garnier, Québec, Canada

Profil

A self-starter and quick learner with a polyglot skill-set. Recognized skills in data warehousing, business intelligence and web technologies. Always loved working with technologies and pushing the boundaries of what's possible.

Experience

FULL-STACK DEVELOPER, CORTEX MEDIA – 2014-CURRENTLY

As a full stack developer I had to provide support throughout the whole development stack.

Various tasks were involved in the process including :

- Work closely with Product and UX to design responsive, mobile-first, single page JavaScript applications.

- Provide expertise in data-analysis and machine learning for computer vision and speech recognition applications.

- Write high-quality, well-performed server based code and APIS using various programming languages.

- Participate in design and code reviews; identify best practices for front-end and back-end engineering

- Notable projects

  - 2016 - Cortex : Introduced a configuration management tool (Opswork Chef) throughout the organization and scaled it to 400 projects. I also helped during the development of cookbooks.

  - 2016 - Cortex : Implemented a context based search engine and reworked the backend apis/frontend for various clients.

  - 2015 - Wuxia The Fox : Implemented a speech recognition engine which leverages Hidden Markov Model.

  - 2015 - CTAQ : Implemented an Event Sourced backend for a website overhaul of 3 websites.

  - 2014-2015 - St. Laurents Summits - Implemented a Ski Ticketing System in Rails and vanilla javascript as single page application.

BUSINESS INTELLIGENCE & ETL DATA WAREHOUSE DEVELOPER, REVENU QUÉBEC – 2010-2014
As a ETL / BI / COBOL developer I have to assist in full life cycle projects inside a data warehouse.

This includes the following :

1. Assist in defining the functional requirements during design.

2. Lead the development phase including guidance to the junior BI developers. Provide technical creativity (programming) and apply a domain-specific optimization to make sure that treatments are always completed in a reasonable time.

3. Implement fraud detection algorithms using PL/SQL, SAS and .Net Framework (C# & VB.NET).

Education

Université Laval – Candidate for Bachelor in Computer Science, 2014

Collège François-Xavier-Garneau - Technique de l'informatique - 2010-2013

École secondaire Mont-Saint-Sacrement - Diplôme d'étude Secondaire V - 2009

Notable events and projects

2015 - Gave a conference talk at OpenCode XXVI about the internals of Beluga.

2015 - Beluga, an open-source home-grown docker deployment tool (https://github.com/cortexmedia/Beluga) .

2014 - I was involved as a Agile Advisor in the for Revenu Québec agile study group. I had to help refactoring the business process that are involved during regular development in the DataWarehouse division.

2014- I participated as a developer in the technological events at Revenu Québec. I had to present various data analysis techniques that were developed in intern to help doing fraud detection.

Mid 2013 To 2014 – I participated in Compétition Informatique de Revenu Québec (CIRQ). We delivered as a team a Big Data project proving that we can improve the daily BI usage with new technologies. The tools involved were ElasticSearch, Kibana, Flume and Hadoop.