Antoine Leclair
Software developer

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On the web

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Bio

I started my career as an aircraft pilot. I worked a few years in that domain and decided to move on to my other passion, programming. As an income during my return to university, I freelanced as a press photographer. I had the opportunity to take pictures of important people, like the prime minister of France and Canada. Then I started Hooba Studios as a freelance web developer for a few years. Then I took a job. For the last three years, I've been working in an agile team, building robust software backed by a bunch of automated tests. I cofounded Signsquid, and then Snipcart, both are web applications. And here I am. Freelance again. Delivering quality software with the freedom of freelancing.

Work experience

Senior Web Developer
Spektrum Media inc., Québec

2010 - 2013

Web Developer
Ockam inc., Québec

2010

Web Developer
Hooba Studios inc, Québec

2008 - 2010

Press Photographer
Freelance

2004 - 2008

Aircraft Pilot
Patrouille aérienne du Québec

2003 - 2004

Projects

Laval University

An application for managing the 1000 union employees.
Javascript application ("single-page"), Java backend RESTful API

- CoffeeScript / JavaScript
- Backbone.js
- underscore.js
- jQuery
- Java
- Play Framework 2

- PostgreSQL
- junit
- Selenium
- Jasmine
- Jenkins
- Linux

Laval University

An application for managing and distributing nearly 100M$ each year in scholarship.
Conventional web application with an MVC architecture

- Java
- Play Framework 2
- Oracle
- JavaScript
- underscore.js
- Linux

- jQuery
- junit
- Python
- Selenium
- Jenkins

GoSoumissions

An application to request quotes from many providers for home services.
Conventional web application with an MVC architecture backed by a RESTful API

- C#
- ASP.Net MVC with WebAPI
- JavaScript
- underscore.js
- jQuery

- nunit
- Selenium
- Jenkins
- SQL Server
- IronMQ

Hortau

A mobile application that lets farmer watch their fields and take actions remotely.
JavaScript (CoffeeScript) single-page application built with PhoneGap to be installed on mobile devices, with an accompanying RESTful web service.

- CoffeeScript (JavaScript)
- Backbone.js
- underscore.js
- jQuery
- ASP.Net MVC with Web API
- PhoneGap

- Visual Basic.Net
- Jasmine
- nunit
- Selenium
- Jenkins

Snipcart

Shopping cart (e-commerce) injected on any website.
Combines two JavaScript single page applications. One injected on client sites, and the other is the dashboard when logged in.

- CoffeeScript (JavaScript)
- Backbone.js
- underscore.js
- jQuery
- ASP.Net MVC with Web API
- C#
- Python

- SQL Server
- Jasmine
- nunit
- Selenium
- Jenkins
- Windows Azure

Cégep Limoilou

The website of Limoilou college (Cégep Limoilou).
Adding social feeds (Twitter and Facebook) to the CMS

- C#
- Consuming web services
- Javascript

- underscore.js
- jQuery
- Caching

Signsquid

Electronic signature application.
A standard web application with the MVC architecture, with a message queue for generating PDFs and sending emails. Sends SMS to invited signatories for 2-factor authentication. Recurring payments with PayPal Pro.

- C#
- JavaScript
- jQuery
- PDFs
- Twilio API
- IronMQ
- ASP.Net MVC
- nunit
- Selenium
- PayPal API
- MongoDB

Grawl (in progress)

A crawler that finds 404 links on a website.
A single-page JavaScript application, backed by a RESTful backend, worker processes and message queue.

- Python
- Pyramid
- CoffeeScript (JavaScript)
- Backbone.js
- underscore.js
- jQuery
- Redis
- PostgreSQL
- Python-unittest
- Selenium
- Linux

Corpiq (landlord association)

Credit investigation for building owners to determine the credit score of the applicants.
A standard web application with the MVC architecture, with online payments, members management, CRM integration and generate credit reports from Equifax API.

- C#
- ASP.NET MVC
- Consuming and providing APIs (CRM, Moneris, etc.)
- JavaScript
- jQuery
- nunit
- Selenium
- Jenkins
- SQL Server

Logbook Network

Photo sharing and printing web application, with online payment, album editor and viewer.
A web application that has a single-page album editor in JavaScript, an album viewer in HTML5 Canvas with page flip effect and checkout with PayPal Pro.

- JavaScript
- HTML5 Canvas
- jQuery
- C#
- ASP.Net MVC
- nunit
- Selenium
- Jenkins
- PayPal API
- MongoDB

Hortau

A web application that lets farmer watch their fields and take actions remotely.
A web application where I added a map to select the areas of the fields using a satellite picture in JavaScript with SVG.

- SVG
- JavaScript
- Raphaël
- jQuery
- Visual Basic.Net

Metrio

Data visualization application for city management. Includes chemicals in water treatment, waste water, waste service and more.
A standard web application that imports and exports data in CSV format, and uses this data to show graphics with custom filters.

- PHP
- MySQL
- CakePHP
- CSV

Tourisgo

Social web application for rating places and sharing photos.
Python GIS application with photo upload.

- Python
- PostGIS
- PostgreSQL
- Django
- GeoDjango
- JavaScript
- jQuery
- Google Maps API

Manoir du Lac Delage

Website
HMTL, CSS, Photoshop slicing, Javascript animation, built on a CMS (Umbraco)

- CSS
- HTML
- JavaScript
- CMS (Umbraco)
- jQuery
- Google Maps API

BatikConstruction

Website
HMTL, CSS, Photoshop slicing, Javascript animation, custom CMS.

- PHP
- MySQL
- CakePHP
- CSS
- jQuery
- HTML
- JavaScript

RestoMojo

Website
HMTL, CSS, Photoshop slicing, Javascript animation.

- PHP
- MySQL
- CSS
- jQuery
- HTML
- JavaScript

Téléphonie Bonne-Ligne

`WEB SITE`

Website

HMTL, CSS, Photoshop slicing, Javascript animation, custom CMS

- PHP
- MySQL
- CSS
- jQuery
- HTML
- JavaScript

Auberge Montmorency

`WEB SITE`

Website

HMTL, CSS, Photoshop slicing, Javascript animation, custom CMS

- PHP
- MySQL
- CSS
- jQuery
- HTML
- JavaScript

Statcube

`WEB SITE`

Website

HMTL, CSS, Photoshop slicing, Javascript animation.

- PHP
- Javascript
- CSS
- jQuery
- HTML

Alternative numérique

`WEB SITE`

Website

HMTL, CSS, Photoshop slicing, Javascript animation.

- PHP
- Javascript
- CSS
- jQuery
- HTML

Clinique de l'Auto japonaise

Website
HMTL, CSS, Photoshop slicing, Javascript animation.

- PHP
- Javascript
- CSS
- jQuery
- HTML

Martin Rousseau

Real-Estate website
HMTL, CSS, Photoshop slicing, Javascript animation, custom CMS

- PHP
- MySQL
- CSS
- jQuery
- HTML
- JavaScript

Cégep Garneau

Website
HMTL, CSS, Photoshop slicing, Javascript animation.

- PHP
- JavaScript
- CSS
- jQuery
- HTML