Etienne Baqué

Software developer

+ CONTACT

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+ EXPERIENCES

Full-stack developer at Financeit

Toronto, Canada

January 2016
Now

- Maintained and developed new features on the Financeit platform, on the front-end (Ember) as well as on the back-end (Rails).
- Wrote Rspec and Cucumber tests.
- Integrated third-party services such as Stripe and Flinks.
- Code-reviewed team members' work, as part of the delivery process.
- Improved admin services and the platform overall during 10% projects.

  Environment: Ruby on Rails, Ember 2, Elasticsearch, MySQL, Coffeescript, Sass, Git, Nginx, Capistrano, Unix, Codeship, Jira.

Web Developer / IT Manager at Transparency International Georgia

Tbilisi, Georgia

February 2014
May 2015

- Worked with the IT team to maintain and improve TI Georgia's scraper programs (eg. asset declarations scraper, procurement scraper, etc) that gather data from government-run websites, to feed TI Georgia's anti-corruption focused websites (eg. tendermonitor.ge, myparliament.ge and more).
- Managed IT team (task distribution, hired new members, improved IT infrastructure).
- Co-created a report on Open Data guidelines and best practices, which were to be followed by the Ministry of Justice in Georgia. The Ministry was defining the Georgian action plan (commitments) as part of the Open Government Partnership. I also participated in meetings with public officials in order to present this report.

  Environment: Java, Python, Ruby, Spring 3.x, Django 1.6, Ruby on Rails 3 & 4, Git, MySQL, Postgres, Apache Tomcat 6, Linux distributions (Ubuntu, Debian, FreeBSD), Jenkins.

Web developer at RealDecoy

Ottawa, Canada

January 2011
September 2013

- Developed Spring-powered websites integrating Oracle Endeca solutions (OEC (e-commerce) and OEID (data discovery)).
- Improved development processes (eg continuous integration with Jenkins, development process for OEC demos for pre-sales team).
- Worked with sales representatives in order to define selling points, and then refine demos accordingly, before presenting demos to potential customers.

  Environment: Spring Framework 3.0, Endeca Commerce, Endeca Information Discovery, Maven, SVN, Oracle Linux 5, Jenkins.

Software Engineer at Celad

Toulouse, France

January 2009
August 2010

- Developed new screens for Natixis'accounting control software (MVC architecture).
- Developed and scheduled JAVA & PL/SQL Batch programsWorked on requirement estimation, documentation (batch scheduling specifications), tests. Managed releases.

  Environment: Java, JSP/JSF, JavaScript, PL/SQL, Serena Dimensions, RSA 7.0 (Rational Software Architect), WebSphere, Unix.

Java Programmer at Accenture

Dublin, Ireland

September 2007
December 2008

- Upgraded functionalities of the Revenue Online Services Java EE website, maintained existing services, managed ROS releases, planned and ran unit tests.

  Environment: Java, JSP, JavaScript, XML, HTML, JMS, Eclipse, Ant, Maven, CVS.

+ PERSONAL PROJECTS

Courier Bot
(October 2018)

Courier Bot is a simple SMS reporting proof of concept.

Targeted to humanitarian aid activities, it enables frontliners to send requests and quick reports via text messages to an admin.

On the admin side, Courier Bot leverages websockets to display messages as they come, which opens great possibilities for easy monitoring.

More information about the Courier Bot project on the Github page. A demo is available here (login: demo@example.com - password: sms_is_alive).

Environment: Rails 5, Action Cable (websockets), Twilio API, Redis, Bootstrap, Nginx.

Madloba
(2016 - 2018)

Madloba is an open-source CMS project.

A Madloba website consists of a map-based website that can be used to find what your neighbours have to give away. Once set up on a server, a Madloba website focuses on one city at a time, encouraging people from this city to reuse and recycle objects of all kind within their community.

I worked with MAC Georgia to customize an implementation of Madloba for them, as they needed a tool to locate services for children with disabilities in Georgia.

You can find information about the Madloba project here. An demo implementation of this project (focusing on the city of Ottawa) can be tested here. Finally, the Github repo where the project lives is here.

Environment: Rails 4 (with Capistrano, Devise, Pundit, Delayed_job, etc.), Mapping technologies (Leaflet JS library, Mapbox, OSM, MapQuest WS), Amazon S3, Bootstrap, Postgres, Git, Nginx, Travis CI.

+ OTHER EXPERIENCES

Al Jazeera's "Media in context" hackathon

Doha, Qatar

November 2014

I was one of the 85 people selected (out of 1600 applicants) to participate in the first hackathon organized by Al Jazeera (in Doha, Qatar), called Media in Context.

Our team created a prototype called MapCake. It allows the author of a new article to map recent related stories which took places in different locations. The purpose is to gain new insights about the story this author is working on, by knowing when and where other related stories were published.

The project won the "best situational context solution" award. Read more about it here.

"Girls that code" initiative Tbilisi, Georgia 2014 - 2015	In 2014 and 2015, I participated as a teacher in an initiative called Girls that Code, created by [Jumpstart](#), a Tbilisi-based NGO. The aim of Girls that Code is to promote the presence of women in the tech industry. Over weekly classes, two devs from Jumpstart and I taught Ruby to a group of women, coming from diverse professional backgrounds. By teaching the basics of programming, we wanted to show how programming could help them in their professional activities. Read more about it [here](#).

+ EDUCATION

2002 - 2007	MIAGE Master degree (Computer Science & Business Management) – University of Toulouse (France).

+ SKILLS, LANGUAGES, TRAININGS

Skills	• *Programming*: Ruby, Javascript, CSS, SQL, Bash, Java, Python • *Frameworks*: Ruby On Rails 4 & 5, Ember 2, Spring, Django • *JS libraries*: JQuery, Leaflet, Mapbox • Databases: Postgres, Oracle, MySQL • *Version control*: Git, SVN, CVS, Serena Dimensions • *Servers*: Nginx, Apache Tomcat 6, Websphere 6.1 • Text editors: Vim (config [here](#)), RubyMine, Eclipse • *PaaS*: Heroku • *Build/deploy tools and CI*: Codeship, Hudson/Jenkins, Travis CI, Maven • *Operating systems*: Debian 9 Xfce, Debian-based distros (Ubuntu, Mint...), CentOS, Mac OS X, Windows • *Endeca*: OEC 3.1.1, OEID 3.0 • *Design*: UML • *Blog*: WordPress
Online courses	[Vue.js](#)
Public speaking	Completed the [Christopher Leadership Course](#) (CLC1 and Advanced courses)
Languages	French (Native Speaker), English (Fluent), Spanish (Intermediate), Georgian (Beginner)

+ PERSONAL INTERESTS

• Family time, running, yoga, hiking, backpacking, reading, playing the piano.

• Investigating and trying out new frameworks, languages, or open-source technologies.