JÉRÉMY GOUSSÉ

SOFTWARE DEVELOPPER

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Goal:

I would like to join a software development team using C/C++ technologies. I developed several
computer softwares using different technologies, some for heavy clients others for web based projects.
Therefore I would like to bring my knowledge to a passionate and open-minded development team.
Sharing skills and learning as a team to work efficiently is primordial to me.
My choice essentially leads to C++ technology because I like to optimize and create a clean source
code. Plus I already finished several web projects and I'm looking for greater challenges now.

Skills summary:

• Programming :

- C/C++ 11 : Boost, Qt, SDL, SFML, FMOD, binary files manipulation.
- Java : Wicket, Spring portlet MVC, Hibernate, JavaMail.
- Web: HTML, CSS, JavaScript, jQuery, PHP, databases.
- Ruby: Frontend and backend, especially using Sinatra.
- Python: Scripting.

• Operating systems :

- Linux systems, essentially Ubuntu distributions. This is my working and personal environment.

• Complementary skills :

- Git and related web based services like GitHub and Bitbucket.
- Redis server.
- RabbitMQ.
- Graphite server.
- WordPress web sites.
- Databases: SQLite, PostgreSQL, MySQL.
- Docker.

Professional experiences :

• Architect Developer at Azzimov
February 2015 to present, Montreal Quebec Canada

Developer on Daneel artificial intelligence system. I developed a C++ API to allow developers to easily use and connect to our internal system.
I also developed the website frontend and backend systems in Ruby (and web technologies) to offer a portal to external developers.
I've done scripting and interactions with Docker in python.

• C++ Main Backend Developer at Wajam
December 2012 to present, Montreal Quebec Canada

Main C++ developer on several ads backend servers serving thousands of queries per seconds.
Those servers were distributed, highly available and performance critical.
Incoming queries had to be lexically analyzed and, thanks to user personal data, enhanced to return social ads based on user preferences and social network relationships.

I also developed a Graphite proxy server, in C++, which can receive thousands of incoming messages per seconds, applying mathematical computations on those messages in order to distribute them to a central Graphite server.
This project is open sourced, you can find its repository here:
https://github.com/bdajeje/graphite-proxy

• Ruby / Web Developer at Seevibes
Mars 2012 to December 2012, Montreal Quebec Canada

Frontend and backend developer. Because this is a startup I had to integrate the design for the web pages (HTML, CSS, JavaScript) and also take care of the backend developed in Ruby using Sinatra.
Some projects were also in Ruby on Rails.

• C++ teacher in SUPINFO school
November 2010 to Mars 2011, Lyon France

Taught algorithmic, UML and C/C++ to 60 students and more at SUPINFO computer master degree school.

- Web Developer at ETERNISSIM

January to Jun 2011, Lyon France

I was the only developer for the Eternissim project, a social site to pay tribute to loved ones who have pass on.
The project was developed in PHP, MySQL, and Internet technologies (HTML, CSS, JavaScript, jQuery).

- C++ Developer at DATAKIT

July to October 2009, Lyon France

Developer in Datakit's Research and Development department. I had to create 3D models converters of files from SolidWorks, CATIA, AutoCAD and other 3D modeling softwares. Interesting problematic as a 3D model could potentially be huge so playing with memory was my main concern.

- Java Developer at ALINTO

July to October 2007 & July 2008 to July 2009, Lyon France

Developer in Alinto's Research and Development department. Main developer on the company's online store. Developer frontend and backend for a Java Portlet.
Also developed test platform to analyze sending or receiving emails with security checks and
associated statistics.

Education :

- 2007-2012 : Master Degree at SUPINFO France / Montreal.
- Certified Cisco CCNA1 and IT Essentials.
- Certified Linux Advanced User.

Additional informations:

- You can find most of my personal projects on my GitHub: https://github.com/bdajeje
- Languages: French (native tongue), English.
- I am a proud user of GNU/Linux systems.
- I am coding a lot in C++ on my free time.
- Programming is 21st century art!