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Professional Objective

Software engineer since 2008, I am mainly interested by web technologies, web architecture and web application security.

My objective is to obtain a position of full stack developer where I can use my skills and experience to develop robust and wonderful web applications.

Main Skills

Front: JavaScript, CSS, JavaScript Frameworks (AngularJS, Angular, React, VueJS).

Back: Java, Java Frameworks (Spring, JPA / Hibernate, tests frameworks such as JUnit, AssertJ, Mockito, or DBUnit), basic knowledge in Python, Scala and Kotlin.

Databases: PostgreSQL, MongoDB, MySQL, Elasticsearch, Basic knowledge of Redis.

Others: Git, Gerrit, Test Driven Development.

Open Source

For personal projects, I developed some libraries / small applications that are publicly available on GitHub: <https://github.com/mjeanroy> and described on my personal website: <https://mjeanroy.dev/projects>.

Work Experience

11/2017 – PRESENT **Malt Community**

Software Engineer, technical leader.

Design and implementation of the whole platform:

- Front: JavaScript, TypeScript, VueJS.
- Back: Java (Spring, JOOQ).
- Database: MongoDB, PostgreSQL, ElasticSearch, Redis
- Messaging: RabbitMQ
- CI/CD: Maven and Yarn as build tools, Bamboo as continuous integration

12/2012 – 11/2017 **Zenika**

Software Engineer, technical leader in Java and web development.

AngularJS and React trainer.

Design and implementation of web applications (for various french clients):

- Front: Javascript (AngularJS, Angular, ReactJS).

- Back: Java (Spring, JPA / Hibernate).
- Database: MongoDB, PostgreSQL, MySQL, ElasticSearch
- Messaging: RabbitMQ, Kafka
- CI/CD: Maven and Gulp as build tools, Jenkins as continuous integration server, Sonar.

09/2011 – 11/2012 **Arkoon Network Security**

Software Engineer, technical leader in Java and web development
Design and implementation of a web application used to manage AMC (Arkoon Management Center) Servers.

- Front: JavaScript (jQuery, BackboneJS, requireJS) and HTML5 technologies (Websocket, pushState and history API)
- Back: Play Framework v2 (Java) and Python.

08/2008 – 08/2011 **Orange Business Services**

Java / Web Developer.

Design and implementation of web applications:

- Front: Development using Flex or Javascript (jQuery) technologies.
- Server: Java (Spring, JPA / Hibernate)
- Design and implementation of REST API used to communicate between heterogeneous applications.

Education

2013 - 2014 **MOOC on Coursera**

Algorithms, Design And Analysis, part 1 (2013) and part 2 (2014)

Functional programming in Scala (2014)

2005 – 2008 **INSA** (Institut National des Sciences Appliquées) in Lyon, France

Diplôme d'Ingénieur en Informatique (equivalent to a master degree in computer science)

2003 – 2005 Institut Universitaire de Technologie Génie Informatique in Villeurbanne, France

2002 – 2003 Baccalauréat Scientifique, "option Math Spé" in La Boisse, France, graduated with honours ("mention Assez-Bien").

Languages

French: mother language

English: Good working knowledges

Miscellaneous

Passionate about cinema (particularly gangster's movies from 70's to 90's such as "Godfather", "Goodfellas" etc.).

Passionate about J.R.R Tolkien books ("Lord of the rings", "The hobbit" or "The Silmarillion").