

Jean-Noël Rivasseau

11 bis, rue de Genève
91140 Villebon-sur-Yvette
France

jean-noel.rivasseau@polytechnique.org
<http://www.elvanor.net/>
<http://www.shoopz.com/>

(33) 09.52.29.23.58
(33) 06.28.33.13.68

PERSONAL INFORMATION

Born July 4th, 1981
French citizen
Married

OBJECTIVE

My first goal is to develop my own company, Shoopz. We are building a new e-commerce platform, so we are seeking clients that are looking for a revolutionary e-commerce solution. We have a lot of features that you won't be able to find elsewhere in the competition.

I am also interested in (preferably short) freelance or consultancy contracts. I am a UNIX/JEE expert, with an emphasis on developing rich Web Applications. I like to use agile frameworks like Grails, and have a lot of expertise in Ajax development and complex JavaScript code.

I can lead a small team of coders to develop a web project using agile methodologies, or provide valuable advice about technology choices. Whatever your domain, if it is linked to online systems, I'll probably be able to offer performant solutions.

I have a very strong background in sciences (one Msc. in Computer Science and one Msc. in Mathematics) and an ongoing interest for software development and open-source technologies. Coding is my passion, and scientific challenges in computer science attract me. When faced with the task of quickly building a software system, I am able to identify which frameworks and libraries will be useful, and integrate them, instead of rewriting everything.

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EDUCATION

MSc. Program in Computer Science
University of British Columbia, Vancouver, BC, Canada

Ingénieur de l'Ecole Polytechnique (MSc. in Mathematics)
Ecole Polytechnique, Palaiseau, France

RECENT PROFESSIONAL EXPERIENCE

CEO, Lead Developer

Shoopz
February 2008–Present

I am currently launching my own Internet startup, and leading the development of a new e-commerce Web platform. Our infrastructure is based on an Java JEE stack, using a lot of open-source components: Spring, Hibernate, and Grails. As we are a bootstrapped company, I handle all the technical development of our products as well as the maintenance of our server infrastructure. This experience has proven extremely useful for learning all aspects of a full-scale enterprise IT system.

Senior Software Engineer

FastBooking
R&D, Paris, France
January 2007–February 2008

I was part of an R&D team of about 5 persons. I maintained the company servers and mission-critical online applications in an 100% open-source environment (LAMP stack mainly). I also took part in the development of entire websites, dedicated to the promotion of hotels using our company booking systems. For example, our most recent online distribution site, Only-Recommended-Hotels, was developed in our team in only 3 monthes. I took a large part in its architectural design and actual coding.

Software Development Engineer
Personalization and Production Systems

Oberthur Card Systems
R&D, Nanterre, France
October 2005–January 2007

I developed a complete smart card personalization system, handling everything from the banks input files to cryptography and actual electric personalization. I worked with several teams in order to bring the product to our clients: R&D teams (during development of the mask software), personalization software development teams, and finally production teams in order to deploy the software in the factories.

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SKILLS

- Languages: French (mother tongue), English (fluent), Russian (fluent), Spanish (notions).
- Expert and specialized knowledge: I have in-depth knowledge of state-of-the-art research in the field of probabilistic machine learning and graphical models, computational statistics, and Monte Carlo methods.
I have also an interest in Web Crawling (using Heritrix), search techniques (Solr, Lucene), and large-scale / clustered systems (Hadoop, MapReduce).
Finally, I am a Gentoo Linux developer (Java team).
- Computer Languages and Skills: I have very strong skills in object-oriented programming (Java, Groovy, Python, PHP, C++) and web (or other client-server) technologies: JEE, Ajax, SQL, JavaScript, XML / DOM, XSLT, (X)HTML, CSS...
- Frameworks and Libraries: I use a lot of libraries and am specially experienced in web application frameworks. Here is a list of frameworks I know: Spring (MVC), Grails, Hibernate (ORM), JEE Servlets, Compass, Lucene, Prototype, Scriptaculous, Google Web Toolkit (GWT), XUL / XPCOM, Boost, Qt, Sitemesh, Velocity, Smarty...
- Web Services: I am familiar with web services and how to implement them (REST, SOAP, etc). Some particular web services I have worked with: Google Maps API, PayPal API.
- Experience of a wide range of developer tools and server software under different environments:
 - OS and core tools: UNIX (Linux, Mac OS X), Bash, ssh.
 - Development tools: Eclipse IDE, Firebug, gcc, javac, GDB, XDebug, Ant, Gant, make, Subversion, CVS.
 - Server software: Apache httpd, Tomcat, Jetty, MySQL, lighttpd, Postfix, iptables, vsftpd.
 - Other: Gimp (with advanced scripting knowledge), L^AT_EX.
- Excellent writing and presentation skills.