

Carl-Philipp Harmant

Software Engineer

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Personal Synopsis

Currently working as a software consultant, I am interested in exploring new challenges. I am passionate about developing, configuring and testing software. My preferred programming language is Java, however I am open to learning about or utilizing any programming language. In my free time, I enjoy working on my Android application "Chicago Commutes", a Chicago public transit tracker, as well as publishing some of my source code on GitHub.

Professional Experience

- 2015-2016 **Software Engineer**, *Peapod Propulsion Labs*, Chicago, IL, United States.
October to Present I am part of the Web Center team :
- WIP
 - Main technologies used : Java, Microservices, Spring, Camel
- 2012-2015 **Software Consultant**, *Pros*, Chicago, IL, United States.
February to October I was part of the Professional Services team providing expertise to customers related to the Configure/Price/Quote (CPQ) solutions and more specifically involved in the following activities :
- Integrating Pros CPQ solutions in the IT landscape by using web services.
 - Interfacing Pros CPQ solutions for data loading purposes.
 - Development of additional Java EE plugins to fit specific customer needs.
 - Designing the User Interface (HTML based xml files, CSS style sheets, Javascript).
 - Java-based macrolangage developing and use of built-in configuration tools.
 - Responsible for deploying in our Cloud environment.
 - Issue management/resolution in a SaaS environment.
 - Main technologies used : Java, JavaScript, HTML, CSS, Salesforce.com (Apex, Force.com), Oracle, JBoss, JSON, XML, SOAP.
- 2011 **Java EE Developer**, *Fujitsu Technology Solutions*, Luxembourg, Luxembourg.
April to July Arquillian is a tool, made by JBoss, which allows developers to test the components of their application in a container.
- Made a solution to improve the way to use Arquillian.
 - Improved the company test process by the creation of a Maven plugin which generates an Arquillian test class.
 - Automated search of dependencies needed for the archive deployed on the server.
 - Utilized Maven, JUnit, EJBs, Cobertura, and many other tools and frameworks.

- 2010 **Analyst Programmer, Sailendra**, Nancy, France.
January to July Sailendra created a technology of user profiling. That technology creates a profile of each user and predicts their comportments based on their actions and artificial intelligence algorithms.
- Managed a project from initiation to implementation overseeing the planning, functional specifications, technical specifications, development and testing.
 - Worked with the client to ascertain and identify their specific requirements.
 - Created a Firefox plugin for Salendra technology and learnt new technologies like XUL, Spring, Zope/Plone, DTML or Python.

Personal Projects

- 2014-2015 **Be My Chef, RESTful API**.
Java-based RESTful API with JSON output.
Technology used : Java, Maven, JAX-RS, Jersey, Jackson, JSON, JUnit, Mockito, Stripe, Mandrill, GeoJSON, Quartz, Findbugs, Cobertura, PMD, Checkstyle, MongoDB, Tomcat, JIRA, Git.
- 2014-2015 **Chicago Commutes, Android Application**.
Android application that helps commuting in Chicago. CTA (trains/buses) & Divvy (bikes).
Technology used : Android SDK, XML, JSON, Google Map API, Google Street View API.
Source : <https://github.com/carlphilipp/chicago-commutes>
Download : <https://play.google.com/store/apps/details?id=fr.cph.chicago>
- 2013-2015 **Stock Tracker, Website & Android Application**.
Website and Android application that helps following your stock performance.
Technology used : Java, Android SDK, JSON, Yahoo Query Language (YQL), JSP, JSTL, MyBatis, JUnit, Ant, Cobertura, PMD, Checkstyle, Quartz, JQuery, flot2, Jasper, Dropbox API, JavaMail, MySQL, Tomcat.
Source : <https://github.com/carlphilipp/Stock>
- 2009-2012 **Management tool for Hyperiums.com, Website**.
Alliance management tool to help players gather and analyze data.
Technology used : Java, JSP, JSTL, JQuery, iBATIS, PHP, Wamp, MySQL, Tomcat, Apache.

Skills

Programming	Java, JavaScript, HTML, CSS, SQL, C#, PHP.
Design	Design Patterns, REST, SOAP, SOA, UML.
Frameworks & Tools	Maven, Ant, Cobertura, JUnit, Android, JQuery, Axis2, MyBatis, JSP, JSTL, JAX-RS, Jersey, Yahoo & Google API, Quartz, Spring, Hibernate, Talend, Subversion, Git.
Databases	MySQL, Oracle, MongoDB.
Servers	JBoss, Tomcat, Apache.
Languages	French & English : Fluent.

Education

- 2013 **Masters of Software Engineering, Exia.Cesi**, Nancy, France.
- 2011 **Bachelors of Software Engineering, Exia.Cesi**, Nancy, France.

Certifications

- 2015 **MongoDB for Java Developers**, *MongoDB University*.
- 2013 **MongoDB for Node.js Developers**, *MongoDB University*.
- 2011 **OCJP : Oracle Certified Java SE 6 Programmer**, *Oracle*.

Activities and Interests

In my spare time, I enjoy running, biking and playing basketball. I also enjoy reading about and working with new technology, both software and hardware products. I love to travel and explore foreign countries to experience different languages, lifestyles and cultures.