# 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**
October to
Present

**Software Engineer**, *Peapod Propulsion Labs*, Chicago, IL, United States.
I am part of the Web Center team :
- OAuth2, Synergy, ATG
- Main technologies used : Java, Microservices, Spring, Camel

**2012-2015**
February to
October

**Software Consultant**, *Pros*, Chicago, IL, United States.
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**
April to July

**Java EE Developer**, *Fujitsu Technology Solutions*, Luxembourg, Luxembourg.
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, flotr2, 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

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|---|---|
| **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.