

carl-philipp harmant

software engineer

about

Chicago, Illinois
USA

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 / carlphilipp

 / carlphilipp

languages

english (fluent)

french (native)

programming

Java

Android

Scala

JavaScript, SQL

HTML, CSS

tools

Maven Gradle & Git

databases

Oracle, MySQL

MongoDB

servers

Tomcat, Karaf

Apache, JBoss

OS

Linux, OSX

Windows

experience

2015–Present
1 year 2 months

Software Engineer Peapod Propulsion Labs

Chicago, Illinois, Unites States

Member of the Web Center team, in charge of developing and maintaining several public websites. Some of my daily responsibilities include:

- Collaborating with product owners, business analysts and other team member in a cross-functional Agile environnement.
- Designing and implementing new features using TDD (Test Driven Development).
- Improving software quality, reusability, extensibility and consistency.
- Verifying and validating features via unit testing, integration testing and automated acceptance testing (Serenity BDD).
- Participating in support rotation and troubleshooting production issues to ensure the continued operations of the business.
- Main technologies used : Java, Spring, Camel, OSGi, OAuth2, ActiveMQ.

2012–2015
3 years 1 month

Software Consultant Pros

Chicago, Illinois, Unites 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, Javascript).
- Java-based macrolanguage 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
6 months

Java EE Developer Fujitsu Technology Solutions

Luxembourg City, 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
5 months

Analyst Programmer Sailendra

Nancy, France

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.
- Automated search of dependencies needed for the archive deployed on the server.
- Created a Firefox plugin for Sailendra technology and learnt new technologies like XUL, Spring, Zope/Plone, DTML or Python.

personal projects

- 2014–2016 **Be My Chef** RESTful API
Java-based RESTful API with JSON output.
Technology used : Java, Maven, Spring Boot, Jackson, JSON, JUnit, Mockito, Stripe, Mandrill, GeoJSON, Quartz, Findbugs, Jacoco, PMD, MongoDB, JIRA, Git.
Source: <https://github.com/carlphilipp/be-my-chef>
- 2014–2016 **Chicago Commutes** Android Application
Android application that helps commuting in Chicago. CTA (trains/buses) & Divvy (bikes).
Technology used : Android SDK, XML, JSON, Google APIs, RxJava, Realm.
Source: <https://github.com/carlphilipp/chicago-commutes>
Download: <https://play.google.com/store/apps/details?id=fr.cph.chicago>
- 2013–2016 **Stock Tracker** Website & Android Application
Website and Android application that helps following your stock performance.
Technology used: Java, Android SDK, JSON, YQL (Yahoo Query Language), JSP, JSTL, MyBatis, JUnit, Ant, Cobertura, PMD, Checkstyle, Quartz, JQuery, flot2, Jasper, Drop-box API, JavaMail, MySQL, Tomcat.
Sources: <https://github.com/carlphilipp/stock-tracker> & <https://github.com/carlphilipp/stock-tracker-android>
- 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.

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

interests

In my spare time, I enjoy running, biking and playing basketball. I ran two marathons in Chicago. 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.