

Carl-Phillipp Harmant

SOFTWARE ENGINEER - CRAFTSMANSHIP

Chicago, Illinois

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synopsis

Currently working as a software engineer, I am interested in exploring new challenges. I am passionate about developing, configuring and testing software. My preferred programming languages are Java and Kotlin, 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. I'm also a member of the Chicago Java User group. Feel free to check out my latest blog post about Clean Architecture on [medium](#).

experience

Slalom · 2 yrs 9 mos

Chicago, Illinois

SENIOR SOFTWARE ENGINEER

July 2017 - Present

As a Slalom Build member, I have worked on different projects, across several industries: Health Care, Financial and Automotive. Part of my day to day duties are:

- Collaborating with solution owners, architects and other team members to build the best solution for the customer.
- Using best practices to develop new features that are scalable and easy to maintain.
- Verifying and validating features via unit testing and integration testing.
- Fixing defects and bugs.
- Mentoring and helping junior developers.
- Participating in all Agile ceremonies.

Java, Spring Boot, Spring Cloud, Dropwizard, Reactor, Apache Camel, Wiremock, JUnit, Gradle, Maven, Jenkins/CloudBees, PCF, AWS, Microsoft Azure.

Peapod · 2 yrs

Chicago, Illinois

SENIOR SOFTWARE ENGINEER

Jan. 2017 - July 2017

SOFTWARE ENGINEER

Sep. 2015 - Jan. 2017

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 members in a cross-functional Agile environment to produce a content management system that is fully integrated with various loyalty, coupon, and user account systems.
- Developing a Spring MVC proxy application around our ESB to allow OAuth2 protected REST APIs to be used by our websites.
- Developing a modular REST-driven integration API using Apache Camel, Karaf, ActiveMQ and various other libraries.
- Designing and implementing new features using TDD (Test Driven Development).
- 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.
- Improving software quality, reusability, extensibility and consistency.

Java, Spring, Apache Camel, OSGi, OAuth2, ActiveMQ, Karaf, Hazelcast.

Pros · 3 yrs 8 mos

Chicago, Illinois

SOFTWARE CONSULTANT

Feb. 2012 - Sep. 2015

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.

Java, JavaScript, HTML, CSS, Salesforce.com (Apex, Force.com), Oracle, JBoss, JSON, XML, SOAP.

Fujitsu Technology Solutions · 5 mos

Luxembourg City, Luxembourg

JAVA DEVELOPER

Apr. 2011 - Aug. 2011

- 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.
- Using the reflection API, automated search of dependencies needed for the archive deployed on the server.

Maven, JUnit, EJBs, Cobertura.

education

Exia.Cesi

MASTERS OF SOFTWARE ENGINEERING

Nancy, France

2013

Exia.Cesi

BACHELORS OF SOFTWARE ENGINEERING

Nancy, France

2011

personnal projects

Chicago Commutes

 ANDROID APPLICATION

2014 - Present

Android application that helps commuting in Chicago. CTA (trains/buses) & Divvy (bikes).

Technology used: Kotlin, JSON, Google Maps APIs, Mapbox, RxJava, Redux, Realm.

Source code: <https://github.com/carlphilipp/chicago-commutes>

Download on Play Store: <https://play.google.com/store/apps/details?id=fr.cph.chicago>

Download on F-Droid: <https://f-droid.org/en/packages/fr.cph.chicago.foss>

Cryptax

 WEBSITE

2018 - Present

Website that generates a report to help you declaring your gains in Crypto currency trading to the IRS. I mainly worked on the rest APIs.

Technology used: Kotlin, Google Cloud, Spring Boot, RxJava, Docker.

Website: <https://www.cryptax.app>

Source code: <https://github.com/cryptax-org>

Be My Chef

 RESTFUL API

2014 - 2016

Java-based RESTful API.

Technology used : Java, Maven, Spring Boot, Jackson, JSON, JUnit, Mockito, Stripe, Mandrill, GeoJSON, Quartz, Findbugs, Jacoco, PMD, MongoDB, JIRA, Git.

Source code: <https://github.com/carlphilipp/be-my-chef>

skills

Programming	Java, Kotlin, Android, \LaTeX , JavaScript, SQL
Frameworks	Spring, Dropwizard, Vert.x, RxJava, Reactor, OSGi
Cloud	PCF, AWS, Google Cloud, Microsoft Azure
DevOps	Docker, Jenkins/CloudBees, Travis CI, Circle CI, Bambo
Tools	Gradle, Maven, Git, JIRA, Rally
Databases	Oracle, MySQL, MongoDB
Operating System	GNU/Linux, OSX, Windows
Languages	English, French

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