

# Carl-Phillipp Harmant

SOFTWARE ENGINEER

Chicago, Illinois

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## experience

### The Walt Disney Company · 2 yrs 11 mos

Chicago, Illinois

SENIOR SOFTWARE ENGINEER

June 2022 - Present

I contribute to the development of a unified commerce platform that supports millions of users globally, enabling seamless subscription management for Disney+, Hulu, and ESPN+. My role focuses on delivering robust, efficient software solutions that ensure a cohesive and intuitive user experience across all three streaming services.

- Collaborated with solution owners and architects to deliver optimal customer solutions.
- Led design and development of scalable backend services and APIs.
- Translated complex business needs into reliable technical solutions.
- Owned end-to-end feature delivery from architecture to production.
- Improved system performance by identifying and resolving bottlenecks.
- Mentored junior engineers and upheld high code standards.
- Enforced best practices for testing, documentation, and code quality.
- Worked with DevOps to streamline CI/CD and improve observability.
- Ensured compliance with security, privacy, and regulatory standards.
- Contributed to technical roadmaps and long-term architecture planning.
- Researched and proposed emerging technologies to enhance the platform.
- Handled backend traffic exceeding 8K requests per second (RPS) with high availability and low latency.
- Reduced build times by 50%, significantly accelerating deployment cycles and team productivity.
- Provided technical leadership within the team, influencing architectural decisions and coding standards.
- Drove cross-team initiatives to improve engineering practices across the organization.
- Acted as a go-to expert and mentor, fostering a culture of continuous learning and high performance.

Java, Spring Boot, Kubernetes, JUnit, Gradle, Jenkins, Spinnaker, AWS, rest, grpc, GraphQL, Reactor, Weblux

### Slalom · 4 yrs 10 mos

Chicago, Illinois

SENIOR SOFTWARE ENGINEER

July 2017 - June 2022

As a Slalom Build member, I have worked for several customers in different 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.
- Developing new features using the best standards in the industry, to produce a highly maintainable and scalable software.
- Verifying and validating features via unit testing, integration testing and end to end testing.
- Fixing defects and bugs.
- Mentoring and helping junior developers.
- Participating to all Agile ceremonies.

Java, Kotlin, Spring Boot, Spring Cloud, Dropwizard, Apache Camel, JUnit, Gradle, Maven, Jenkins, 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.

**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.

## skills

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

## education

**Exia.Cesi**

Nancy, France

MASTERS OF SOFTWARE ENGINEERING

2013

**Exia.Cesi**

Nancy, France

BACHELORS OF SOFTWARE ENGINEERING

2011

## 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

## 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>