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 - DISNEY+, HULU, ESPN+   June 2022 - Present

Develop and maintain a unified commerce platform serving millions of global users across 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, Reactor, Weblux, Kubernetes, JUnit, Gradle, Jenkins, Spinnaker, AWS, rest, grpc, GraphQL

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

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

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

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