Carl-Phillipp **Harmant**

SOFTWARE ENGINEER

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.

experience

Slalom   *Chicago, Illinois*

SENIOR SOFTWARE ENGINEER   *July 2017 - Present*

I'm part of Slalom Build. I have worked for several customers in different industries (Health Care, Financial, Automotive)

- Code
- Story
- Design
- Collaborate
- Use lots of differents tools
- AWS

Peapod   *Chicago, Illinois*

SENIOR SOFTWARE ENGINEER   *Jan. 2017 - July 2017*

SOFTWARE ENGINEER   *Aug. 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.
- Main technologies used : Java, Spring, Apache Camel, OSGi, OAuth2, ActiveMQ.

Pros   *Chicago, Illinois*

SOFTWARE CONSULTANT   *Feb. 2012 - Aug. 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.
- Main technologies used : Java, JavaScript, HTML, CSS, Salesforce.com (Apex, Force.com), Oracle, JBoss, JSON, XML, SOAP.

Fujitsu Technology Solutions   *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.
- Automated search of dependencies needed for the archive deployed on the server.
- Utilized Maven, JUnit, EJBs, Cobertura, and many other tools and frameworks.

education

Exia.Cesi   *Nancy, France*

MASTERS OF SOFTWARE ENGINEERING   *2013*

Exia.Cesi   *Nancy, France*

BACHELORS OF SOFTWARE ENGINEERING   *2011*

personnal projects

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: https://github.com/carlphilipp/chicago-commutes

Chicago Commutes ANDROID APPLICATION   *2014 - Present*

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

Technology used : Android SDK, Kotlin, 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

Be My Chef RESTFUL API   *2014 - 2016*

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

skills

Programming	Java, Kotlin, Android, LaTeX, JavaScript, SQL
Frameworks	Spring, Dropwizard, Vert.x, RxJava, OSGi
DevOps	Docker, AWS, Google Cloud
Tools	Gradle, Maven, Git, JIRA, Bambo, GitHub
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