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. Feel free to check out my latest blog post about Clean Architecture on medium.

experience

Slalom · 1 yr 10 mos
Chicago, Illinois

SENIOR SOFTWARE ENGINEER   July 2017 - Present

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 and integration testing.
- Fixing defects and bugs.
- Mentoring and helping junior developers.
- Participating to all Agile ceremonies.

Java, 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.

education

Exia.Cesi   Nancy, France

Masters of Software Engineering   2013

Exia.Cesi   Nancy, France

Bachelors of Software Engineering   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 with JSON output.

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, 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