

# Mario Daniel Ruiz Saavedra

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## SUMMARY

Backend developer with experience building Backend services with Java, Kotlin, Spring Framework, PostgreSQL, and other technologies. Free software and Open source supporter.

## EXPERIENCE

### Accendo S.A.S

*Junior Java Developer*  
*July 2015 - September 2016*

I was developing backend and desktop software with Java, Spring Framework, PostgreSQL, MySQL, jOOQ, Flyway, Maven, and some JS. Also helped enhance and refactor some legacy codebases with Java, Swing, C#, Winforms. The role included working with RFID hardware (Zebra, Nordic ID, etc.) and developing clients that utilized this hardware to do tracking.

Projects:

- Terralnova  
**July 2015 - October 2015**  
Terralnova is an e-commerce and contact portal, specialized in agricultural commodities and keeping producers and consumers in touch. The development included a backend written in Java, using Spring MVC, jOOQ, PostgreSQL, and a frontend with Thymeleaf, Bootstrap and jQuery. The portal runs on CentOS 7, with AWS for the user data layer. I wrote most of the backend, designed the database, and managed the initial deployment.
- WColombia  
**October 2015 – March 2016**  
A web tool for inventory management and income/expense tracking of slot machines, taking into account taxes and government regulations. Worked on the backend side, with Java 8, Spring Framework MVC, JPA, Hibernate, jOOQ and PostgreSQL.

- **Crisálida**  
**January 2016 – April 2016**  
 Crisálida is a government program to educate about sexual relationships, coexistence and child's rights. Our portal managed surveys, student inscriptions, situational alarms, and report building (as Excel files). The backend uses Spring Data, Spring MVC, Spring Boot, jOOQ, and PostgreSQL. Frontend-wise, it uses Javascript (JSX) with React, Redux in the data layer, and a Bootstrap 3- based design.
- **Sushi2Home**  
**May 2016 – July 2016**  
 Sushi2Home is a sushi delivery service, available vía social media and its own website. It consists of a server in Ruby-on-Rails, with PostgreSQL and a customized instance of an e-commerce platform, Shoppe. I worked on the consumer-facing front-end, where I helped with the combo auto-generation, and a C# (WPF) desktop app.
- **Trackvy**  
**December 2015 – September 2016**  
 Trackvy is a RFID-based stock management system. I worked on a port of the C# Windows CE Reader client to a new API version. Worked on a new readings portal for tool lending in C#, Windows Forms, and SQLite. Worked on a new version of the tagging and movement desktop tool in Java 8, JavaFX, H2, and Spring Context Worked on a port of the frontend from Angular 1 + Typescript + D3.js to HTML5, jQuery, Chartist.js, Bootstrap and Thymeleaf

## **NativApps S.A.S**

*Java Developer  
 February 2017 - August 2018*

Backend developer with a focus on Java 8/Kotlin, Spring Boot, PostgreSQL, and jOOQ. In this position I started working remote, and had to deal with customers in the implementation of backend services. This position had a focus on geolocation tracking. Also developed migrations from SQL Server to MongoDB with JS over JVM (Rhino) and Kotlin scripts.

Projects:

- **OpenMDM**  
**February 2017 – August 2017**  
 OpenMDM is a mobile device management platform. It can track a device location, battery info, and connection status. It also includes a remote management module vía web browser, and a command execution system. Wrote the

backend with Java 8, Spring Boot, ActiveMQ, MySQL, STOMP, and Flyway. Collaborated with the Android dev to create a custom VNC client/server.

- Analítico  
**August 2017 – October 2017**  
Analítico is a HIPAA-compliant medical reporting platform. I worked on the data import and manipulation from SQL Server to MongoDB, using the Mirth message bus with Rhino (JS

over JVM) scripts. Additional complex data processing was done with a custom-made Kotlin library.

- Arpía  
**October 2017 - August 2018**  
A delivery and errand platform. I worked on the backend, with some microservices and coordinating the general architecture of the backend. To implement the services we used Kotlin, PostgreSQL, Spring Boot, ActiveMQ, Redis, and jOOQ

## **Bydrec Inc.**

*Java Backend Developer*  
*August 2018 - April 2020*

Remote work, I did software development of various microservices with Java 8, Spring, Cassandra, Apache Consul, Groovy, and MySQL. Collaborated with some libraries written in Kotlin, and testing with JMeter, JUnit, and Spock Framework.

Projects:

- Confidential  
**August 2018 - April 2020**  
A video delivery platform with a scale of 1M concurrent viewers. Backend microservices with a wide range of technologies in use. Worked on services with Java 8, Groovy, Cassandra, Oracle SQL, Apache Camel, Spring Boot, Hibernate, Node.js, Javascript(Flow), Kotlin, and XML Processing. Helped writing internal tools to validate business logic.

## **Seven4n S.A.S.**

*Backend Java Developer*  
*May 2020 - Current*

Remote work. I'm doing backend software development with Java 11, Spring Boot, PostgreSQL, MySQL, Kafka, and the occasional Kotlin Script

## Projects:

- Nordstrom

**May 2020 - Jan 2021**

Worked on a replatform project for the governance subsystem, migrating from a maze of Oracle 11c DBs with a deprecated no-code DB tool to a Java 11 + Spring Boot microservice talking to a PostgreSQL DB with Hibernate, and serving as a central source of truth, providing data via GraphQL queries and Kafka topics.

- TrueAccord

**Jan 2021 - Current**

Working on assisting multiple migrations towards PCI compliance and replatforming onto Kafka Streams and a streaming architecture. Working on microservices written in Java 11 with Quarkus, Micrometer, and Kafka Streams.

## LANGUAGES & FRAMEWORKS

Java, Kotlin, Spring Boot, Quarkus, PostgreSQL, MySQL, Kafka, Thymeleaf, WPF, C#, Javascript, jQuery, C, GTK

## SOFTWARE

Git, Bazaar, Kafkacat, Bash, Linux, GNU, macOS, Docker, Podman, Buildah