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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

Junior Java Developer @ Accendo S.A.S July 2015 - September 2016, Barranquilla, Colombia

Worked 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.

Java Developer @ NativApps S.A.S February 2017 - August 2018, Barranquilla, Colombia

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.

Java Developer @ Bydrec Inc.

August 2018 - April 2020, Pleasanton, CA

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

Terralnova @ Accendo S.A.S

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 @ Accendo S.A.S

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 @ Accendo S.A.S

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 @ Accendo S.A.S

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 @ Accendo S.A.S

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.

OpenMDM @ NativApps S.A.S

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 @ NativApps S.A.S.

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 @ NativApps S.A.S.

October 2017 - August 2018

A delivery and errand platform.

- I worked on the backend, with some microservices and coordination the general architecture of the backend.
- To implement the services we used Kotlin, PostgreSQL, Spring Boot, ActiveMQ, Redis, and jOOQ.

***Confidential* @ Bydrec Inc.**

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.

EDUCATION

Software Engineering

Politécnico Grancolombiano • Barranquilla, Colombia • 2023 (Expected)

SKILLS

Backend: Java, Kotlin, Groovy, Spring Framework, jOOQ, ActiveMQ, Kafka, Apache Camel, Javascript, Fastify

Frontend: Javascript, C#, jQuery, Java 8, JavaFX, WPF, C#

Databases & Tools: PostgreSQL, MySQL, Cassandra, MongoDB, SQLite, Git, Gradle, Maven.