

## Senior Software Data Engineer

### Experience

**2020-¿?**

**Informa D&B** (2020 May - Actually)

Position: Senior Software Architect / Data Engineer

Duties: I am part of the Architecture team supporting the rest of the company's teams:

- Developing database solutions (SQL / NoSQL) to store and retrieve company information and implementing software and efficient code.
- Installing and configuring information systems to ensure functionality.
- Analyzing structural requirements for new software and applications.

**2017-2020** **GrayHair Software** (2017 Nov – 2020 Apr)

Position: Senior Data Engineer – TPM

Duties: Tech Leader (TPM) in charge of the Architecture team responsible for the re-architecture of the old platform, migrating the reporting engines and data feeds from legacy systems, built on top of SQL Server, to the cloud in AWS. Analysis, proof of concepts, design and develop ETL processes:

- Migration of the historical data (17 years) to AWS.
- Ingest daily data under the batch processing model because of legacy systems.
- Generate reports from historical and most recent data using batch processes with Spark and real-time searches with Elasticsearch respectively.

**2016-2017** **Xtremis** (2016 Jan – 2017 Nov)

Position: Senior Full Stack Developer

Duties: Analysis, design and development: Web, Ecommerce and REST API for mobile apps.

**2014-2015** **Novotorium** (2014 Jan – 2015 Dec)

Position: Big Data Engineer and Full Stack Developer

Duties: Lead and develop the Big Data projects in the cloud with AWS. We were working in different projects applying machine learning algorithms like a *Recommender Engine* for a psychics platform and a *Parental control app*, a system capable of discerning potentially dangerous posts from the good ones.

I have also worked in a Vertical Farming Software for traceability, activity management, cost monitoring, orders, packing, processing, and distribution. The system was able to both collect automatically data from sensors located in the warehouses and store the data in DynamoDB and collect data manually through the administration panel, helping companies create perfect environments for growing plants with optimal climate conditions and a wise use of resources.

**2013-2013** **Ip Global SL** (2013 Apr – 2013 Dec)

Position: Senior Full Stack Ruby on Rails Developer

Duties: Analysis and development of WEB applications RoR and Ecommerce with Spree.

**2011-2013 Informa D&B** (2011 March – 2013 Apr)  
Position: Senior Full Stack Ruby on Rails Developer  
Duties: Reengineering and implementation of a system for the financial management and qualification of the companies.

**2009-2011 BetyByte** (2009 Apr – 2011 March)  
Position: Senior Full Stack Ruby on Rails Developer  
Duties: Analysis and development of WEB applications for important customers like a social network for Telefonica or a Tourism Platform for “Junta de Andalucía”.

**2008-2009 Ecija** (2008 Nov – 2009 March)  
Position: Programmer Java EE  
Duties: Analysis and development of WEB applications under J2EE for Telefonica.

**2008-2008 Isoco** (2008 Apr – 2008 Nov)  
Position: Programmer Java EE  
Duties: Analysis and development of WEB applications under J2EE with Liferay portlets.

**2007-2008 IBM** (2007 Dec – 2008 Apr)  
Position: Business Intelligence Consultant  
Duties: Development of BI solutions for Orange. Data mining, PL/SQL, reporting, etc.

## Skills

*Big Data:* AWS, Hadoop, Hive, Pig, Sqoop, Flume, MapReduce, Zeppelin, Spark, Amazon Redshift, Parquet, S3, Elasticsearch, Kibana, Apache Mahout

*NoSQL:* Apache Cassandra, Redis, Dynamo DB

*Languages:* Ruby, JAVA, JRuby, Scala

*Databases:* Theoretic knowledge: Extend Entity Relationship.

Design and implementation of relational databases: MySQL, PostgreSQL, Oracle.

*DevOps:* Chef-Server, Docker

*Web:* Struts (J2EE), Rails, Spring Boot, VueJS, React, API REST, API GraphQL, Capistrano, Codeship, Jenkins, Redis, Sidekiq, Rescue, HTML5 (Canvas), SASS, CSS, Bootstrap, Spree (Ecommerce)

*Others* Software engineering, UML and life cycle of software projects

Experience with GoF design patterns, MVC architectural pattern, EER (extended entity-relationship), Microservices

## Academic Training

**1999-2006 Computer Science Engineering Master** (Five-year Degree)  
Department of Computer Science. UDC

## Additional Information

**Languages** *English:* Full professional competence | *Spanish:* Native | *Galician:* Native

**Other info** [Github](#) | [Linkedin](#)