# AMINE BENHAMZA

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## Data Architect & Tech Lead

15 years' experience

## Profile

Extensive experience in data projects

Passionate about Data, Architecture, DevOps & Cloud

Stack:

- ✓ Data Integration : Magic XPI, Elastic.io, Talend (ETL, DQ), Software AG (OneData, Webmethods)
- ✓ Data Storage : Oracle, PostgreSql, Sql Server, Terradata, Cassandra, MongoDB, Neo4J, HortonWorks
- ✓ Data Analysis : Spark, ElasticSearch Stack, R Studio, Business Objects, Hive
- ✓ Coding: Ruby, Java, Python, NodeJs, R, Git
- ✓ DevOps : Docker, AWS

## Professional Experience

### Solutions Architect

**Magic Software, Boulogne-Billancourt**                                 **04/2018 – Present**

- Architected and Implemented integration projects across various platforms
- Managed and monitored projects in production
- **Stack**: Magic XPI, Gigaspaces XAP, SAP, Web Services (Rest, SOAP), Cloud Solutions, Windows Server, ElasticSearch, Kibana, MS SQL, Oracle

### Temporary Teacher

**ESILV, La défense**                                                           **01/2019 – 03/2019**

- Mentored engineering students on NoSQL Databases: Cassandra (Apache & Datastax), MongoDB, Elastic Search (Kibana + Logstash) + Neo4J

### Data Architect (MDM, Big Data)

**Givaudan Company, Argenteuil**                                        **10/2012 – 09/2017**

- **Master Data Implementation & Management**
  - o Managed a team of 5 applications designers
  - o Gathered users' requirements, lead projects' impacts analysis and estimation
  - o Defined data governance, data quality rules & maintained master data glossary and procedures
  - o Designed master data architecture, defined data models and data flows diagrams
- **Big Data & Data Science Implementation**
  - o Gathered and documented "data and predictive analytics" user requirements", Defined the analytics platform architecture
  - o Benchmarked analytics tools and defined evaluation/decision grid
- **Stack:** Oracle, OneData, Webmethods, Talend ETL/DQ, PostgreSql, Hortonworks, RapidMiner, Spark

**Project Manager, Data Analyst**

**Soft Computing, Paris**                                                                                      **05/2008 – 09/2012**

- Managed middle size projects coordinating onsite and offshore resources, Scrum master
- Provided projects' committees with progress' reports, scorecards and forecast
- Collected business requirements and designed data architectures
- **Stack**: Oracle, Teradata, SAS, XIP (Axway Integration Platform)

**Associate – Full Stack Developer**

**AB Services, Paris**                                                                                           **06/2009 – 06/2012**

- Explored social media monitoring market in France, identified business opportunities
- Built social media monitoring apps for Health Care, Insurance, Tourism and Politics
- Blogged weekly and built a community
- **Stack**: Ruby, Java, Python MongoDB, Neo4J, Heroku

**ERP Designer and Builder**

**ATOS ORIGIN INTEGRATION, Bordeaux/Paris**                                                  **01/2005 – 04/2008**

- Led a team of 2 people
- Collected business and technical requirements, and elaborated tests strategy
- Designed technical solutions and built customizations
- **Stack** : Oracle Applications suite, Teradata

## Education

**CentraleSupelec – Ecole Centrale Paris (Saclay Campus)**                                     **2017-2018**

- Advanced Master (official Diploma: Mastère Spécialisé®) - Open Computer Systems Engineering
- Dissertation: Evolving from Relational to NoSql databases (MongoDB & Cassandra) – converting and migrating data models. **Stack**: PostgreSql, MongoDB, Cassandra, Kafka, Spark, Docker

**Coursera.org – Johns Hopkins University**                                                            **2015-2016**

Data Science Specialization: set of 9 courses and a capstone project (NLP)

**ENSEIRB - Bordeaux Graduate School of Engineering**                                          **2001-2004**

Master in Computer Science - E-Management Specialization

## Languages

Arabic & French : mother tongue

English : fluent