# AMINE BENHAMZA

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# DATA ARCHITECT

15 years' experience

## Profile

Hybrid IT professional, I handle technical, business and organizational activities.

I have worked for 15 years as Developer, Technical and functional Lead, IT Project Manager and Solutions Architect in various industries.

I would be involved in:

- ✓ Enterprise data programs: projects scoping, IT city map & urbanization, and data governance
- ✓ Data architecture: data flows definition, technologies and tools benchmarking, and data pipelines implementation
- ✓ Mentoring on new technologies (NoSql Databases, Hadoop Stack)
- ✓ NoSql databases deployment and administration (in progress)

## 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, maintained master data glossary and procedures
    - o Designed master data architecture, defined data models and data flows diagrams
    - o Designed data lifecycle processes and data quality rules

- **Big Data & Data Science Implementation**
    - o Coordinated Big Data "proof of concepts", Defined the analytics platform architecture
    - o Gathered and documented "data and predictive analytics" user requirements
    - 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